

Bot.
Flora

ICONOGRAPHY
OF
AUSTRALIAN SPECIES OF ACACIA
AND
COGNATE GENERA,

BY
BARON FERD. VON MUELLER, K.C.M.G., M. & PH.D., F.R.S.,

GOVERNMENT BOTANIST OF THE COLONY OF VICTORIA.

"SED GAUDEBITIS ET EXULTABITIS USQUE AD SEMPITERNUM IN IIS, QUAE DEUS CREABAT."—*Prophetia Isaia*, lxxv. 18.

FIRST DECADE.

BY AUTHORITY:

JOHN FERRES, GOVERNMENT PRINTER, MELBOURNE.

1887.

11635-
11635-11
1513

INTRODUCTION.

THROUGH the liberality of the Victorian Government it became possible, to prepare in the Phytologic Department of Melbourne successively several volumes, illustrative of some portions of the Australian Flora. Thus in earlier years appeared a series of lithograms in elucidation mainly of orders and genera of Victorian plants; in later years an almost complete iconography of the Eucalypts of Australia became elaborated, and this was followed quite recently by an Atlas of Myoporinous plants. In a desire of continuing these pictorial issues it was deemed best, to devote the next volume to those native species of *Acacia*, of which hitherto no drawings had appeared anywhere. As the genus *Acacia* is by far the largest in the Flora of this part of the globe, numbering more than 300 well-marked specific forms, hardly one-third of them hitherto illustrated anywhere, much difficulty was experienced by horticulturists and artisans, here as well as abroad, to identify with systematic accuracy any particular kinds of these plants, either cultivated for ornamental purposes or drawn into use for technic objects, so that a work like the present one seemed specially called for. Moreover it appeared likely, that by offering additional means for naming any of the numerous *Acacias* of ours now known, they might become restored in European Conservatories to that favor, which they enjoyed so much in the earlier part of this century, when they were largely reared as the first harbingers of the spring, and were the objects of much admiration and delight for the profuseness of their flowering or for the oddity of their fantastic foliage. Since then various of the arborescent *Acacias* of Australia have attracted forestal attention very widely also in countries with mild climes on account of the celerity of their growth, or the technic importance of their wood, or the great value of their bark for the tanning industry, or the copious yield of mimosa-gum, so that this vast genus of plants is now surrounded by a multifarious practical interest, alien to it when but comparatively few of the species were known and the significance of many for technology remained unascertained. Indeed it may be readily foreseen, that through a publication, such as the present one, various branches of applied workmanship, including that of the seeds-trade, will become promoted or benefited.

The material for the drawings of these pages has here gradually accumulated through almost forty years, as partly resulting from my own travels and researches, as partly

INTRODUCTION.

gained through contributions of botanic amateurs mostly inspired by myself, and as partly obtained through departmental emissaries, many of whom have long since passed away from their earthly career. The original drawings for this work as well as their lithographic delineations emanated from the skilled talent of Mr. Robert Graff, and demonstrate patient perseverance as well as artistic accomplishment. In the selection of the specimens for the plates and in the revision of the latter I had the able aid of Mr. George Luehmann, Assistant in my Establishment. No plant has been admitted into these pages, of which the material for detail-analysis was not fully extant, a principle adhered to also in all the former illustrated publications of the author. Thus many a species, as yet incompletely known, can by these decades be brought under notice only in supplements, when—as time passes on—through facilitated traffic and extended settlements also the remoter homes of many of the rarer Acacias shall have come within easier reach. A work of this kind ought to have some bearing on our educational efforts likewise, as by its dispersion through the Australian dominions, not merely as patterns for drawing or as text for some phytologic glossology, but also as easy means for directing pleasurably the attention of residents all over Australia to some of the leading features of the floral world near them, and this perhaps far through the next century, when our rich-blooming or curious or fragrant Acacias, while they have become widely naturalized elsewhere, will no longer extend in their gayness and loveliness over all the vast pristine spaces occupied by them now!



ACACIA STENOPTERA.

Bentham in Hooker's London Journal of Botany i. 325 (1842).

- 1, part of a branchlet.
- 2, flower-head.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of fruit-valve with stipes and seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All magnified, but to various extent.



R. Graff del. C. Troedel & Co. lith.

F. v. M. Graff

Steam Litho. Gov. Printing Office. Melb.

Acacia stenoptera BENTHAM.

ACACIA SPINESCENS.

Bentham in Hooker's London Journal of Botany i. 323 (1842).

- 1, part of a branchlet with flowers.
- 2, a flower-head.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.

Steam Litho Gov Printing Office Melb.

Acacia spinescens BENTHAM.

ACACIA CONTINUA.

Bentham, Flora Australiensis ii. 322 (1864).

- 1, part of a branchlet.
- 2, flower-head.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanding flower.
- 6, longitudinal section of a flower.
- 7, front- and back-view of a stamen.
- 8, pollen-grains.
- 9, pistil.
- 10, lower portion of fruit-valve with seeds.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia continua BENTHAM.

ACACIA COLLETOIDES.

Cunningham in Hooker's London Journal of Botany i. 336 (1842).

- 1, phyllodia.
- 2, flower-head.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All magnified, but to various extent.



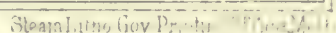
Acacia colletioides A Cunningham.

ACACIA QUADRISULCATA.

F. v. Mueller, fragmenta phytographiæ Australiæ iii. 127 (1863).

- 1, part of a phyllodium.
- 2, flower-head.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



ACACIA GENISTOIDES.

A. Cunningham in Bentham's *Flora Australiensis* ii. 330 (1864).

- 1, parts of phyllodia.
- 2, flower-head.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All magnified, but to various extent.



Acacia genistoides A. CUNNINGHAM.

ACACIA TETRAGONOPHYLLA.

F. v. Mueller in Journal of the Linnean Society iii. 121 (1858).

- 1, parts of phyllodia.
- 2, flower-head.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All magnified, but to various extent.



Acacia tetragonophylla F. & M.

ACACIA TENUIFOLIA.

F. v. Mueller in the Transactions of the Philosophical Society of Victoria i. 37 (1854).

- 1, part of a phyllodium.
- 2, a branchlet.
- 3, flower-head.
- 4, bracts.
- 5, unexpanded flower.
- 6, expanded flower.
- 7, front- and back-view of a stamen.
- 8, a pollen-grain.
- 9, pistil.
- 10, lower portion of a fruit-valve with seeds.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All magnified, but to various extent.



ACACIA ULICINA.

Meissner in Lehmann's plantæ Preissianæ ii. 202 (1846).

- 1, part of a phyllodium.
- 2, flower-head.
- 3, bracts.
- 4, bud.
- 5, unexpanded flower.
- 6, expanded flower.
- 7, front- and back-view of a stamen.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All magnified, but to various extent.



Acacia ulicina MEISSNER.

ACACIA TERETIFOLIA.

Bentham in Hooker's London Journal of Botany i. 326 (1842).

- 1, phyllodium with stipules.
- 2, flower-head.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graft in C. Trödel & C. Loh

F. M. Green

Seam. Lilia. G. v. P. v. d. (H. v. M.)

***Acacia teretifolia* BENTHAM.**

ACACIA BAXTERI.

Bentham in Hooker's London Journal of Botany i. 327 (1842).

- 1, portion of a phyllodium.
- 2, flower-head.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Barclay, 1884, p. 116.

From direct.

From the collection of the British Museum.

Acacia Baxteri BENTHAM.

ACACIA PATENS.

F. v. Mueller in the Journal of the Linnean Society iii. 120 (1858).

- 1, a phyllodium.
- 2, flower-head.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Trondel & Co. Lith. F.v.M. direct. Stern & Noyl. Verlag. PP. 21. 22.

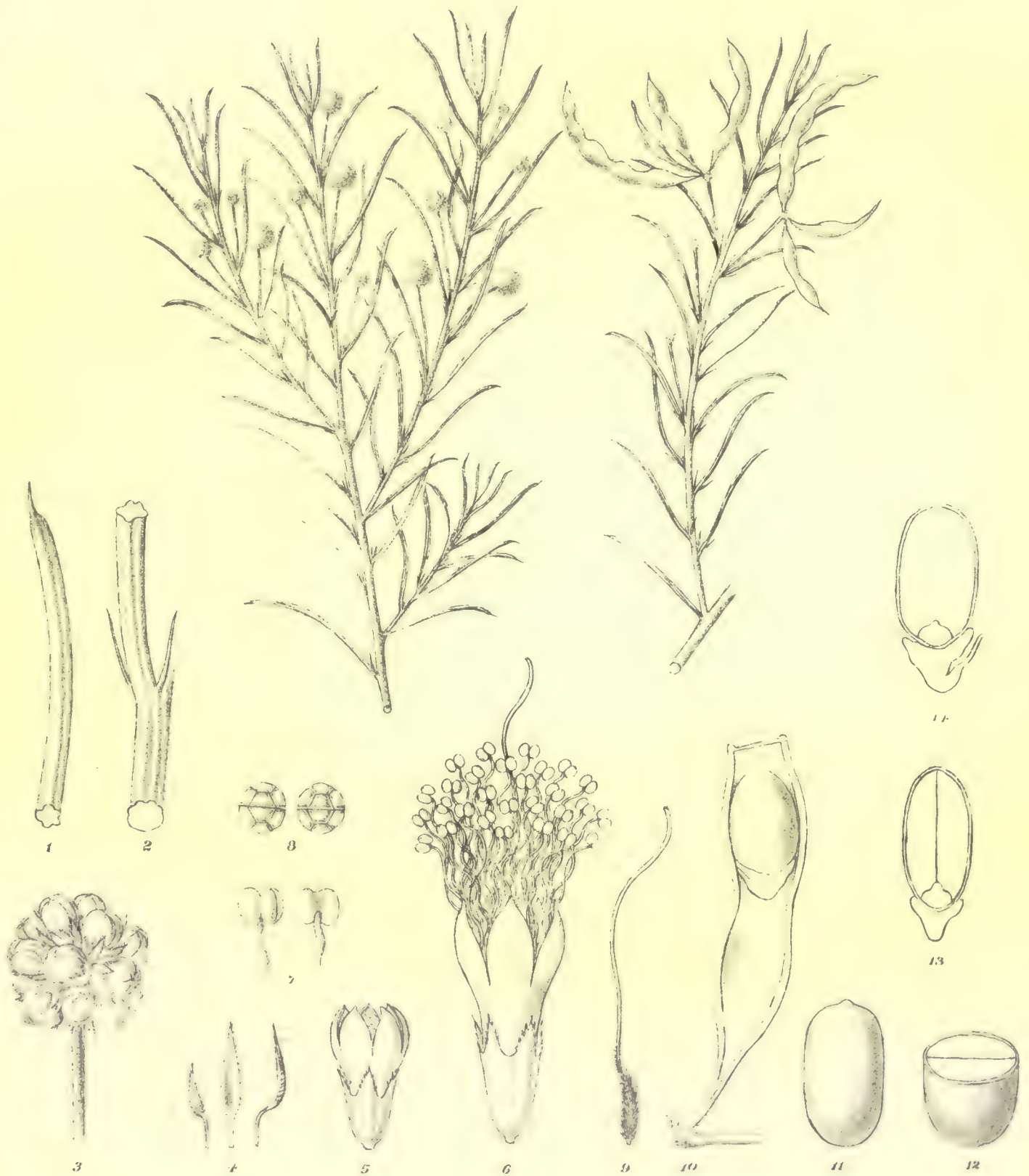
Acacia patens F.v.M.

ACACIA LARICINA.

Meissner in Lehmann plantæ Preissianæ i. 6 (1844).

- 1, portion of a branchlet.
- 2, part of a phyllodium.
- 3, flower-head.
- 4, bracts.
- 5, unexpanded flower.
- 6, expanded flower.
- 7, front- and back-view of a stamen.
- 8, pollen-grains.
- 9, pistil.
- 10, lower portion of fruit-valve with seed.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia laticarpa Meissner.

ACACIA RIGENS.

Cunningham in Loudon's Hortus Britannicus ii. 406 (1830).

- 1, portions of phyllodia.
- 2, flower-head.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia rigens A. Cunningham.

ACACIA SESSILICEPS.

F. v. Mueller in Melbourne Chemist, July 1882.

- 1, portion of a phyllodium.
- 2, flower-head.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of an anther.
- 7, pollen-grains.
- 8, pistil.
- 9, portion of fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia sessiliceps FvM.

ACACIA TRIPTYCHA.

F. v. Mueller in Bentham's *Flora Australiensis* ii. 337 (1864).

- 1, portions of phyllodia.
- 2, flower-head.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of a fruit-valve with seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



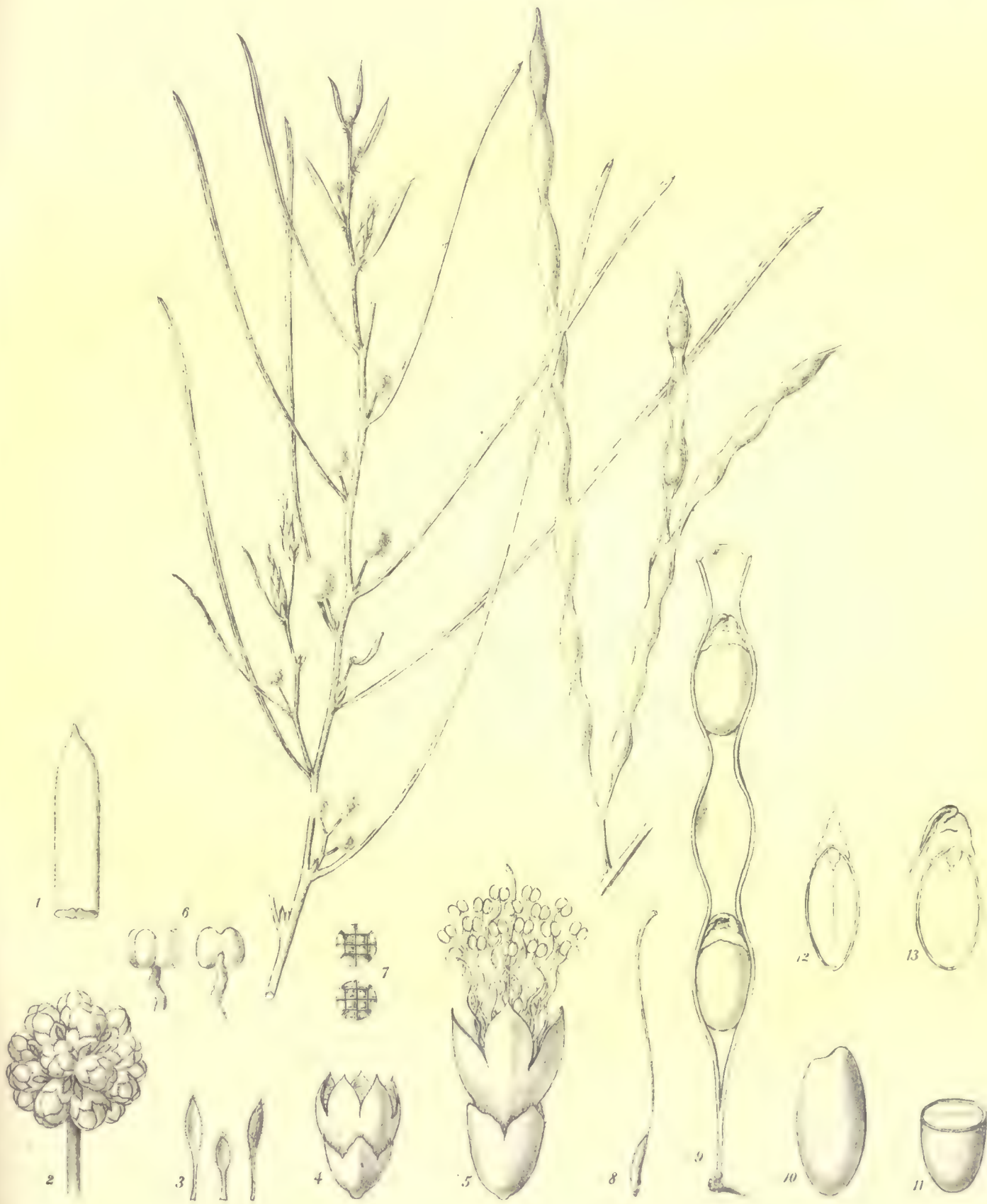
Acacia triptycha F.v.M.

ACACIA SCIRPIFOLIA.

Meissner in Botanische Zeitung 10 (1855).

- 1, portion of a phyllodium.
- 2, a flower-head.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia scirpifolia Meissner.

ACACIA JUNCIFOLIA.

Bentham in Hooker's London Journal of Botany i. 341 (1842),

- 1, portions of phyllodia.
- 2, flower-head.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia juncifolia BENTHAM.



ACACIA GONOPHYLLA.

Bentham in Schlechtendal's Linnæa xxvi. 613 (1853).

- 1, portions of phyllodia.
- 2, flower-head.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia gonophylla BENTHAM.

ACACIA ERICIFOLIA.

Bentham in Hooker's London Journal of Botany i. 345 (1842).

- 1, phyllodia.
- 2, flower-head.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Reinhardt del. & lith. 1870. F. M. Jacz. Standard Pressing Office, Mass.

Acacia ericifolia Benth.

ICONOGRAPHY
OF
AUSTRALIAN SPECIES OF ACACIA
AND
COGNATE GENERA,

BY
BARON FERD. VON MUELLER, K.C.M.G., M. & PH.D., F.R.S.,

GOVERNMENT BOTANIST OF THE COLONY OF VICTORIA.

"SED GAUDEBITIS ET EXULTABITIS USQUE AD SEMPITERNUM IN IIS, QUÆ DEUS CREABAT."—Prophetia Isaiæ, lxxv. 18.

SECOND DECADE.

BY AUTHORITY:
JOHN FERRES, GOVERNMENT PRINTER, MELBOURNE.

1887.

ICONOGRAPHY
OF
AUSTRALIAN SPECIES OF ACACIA
AND
COGNATE GENERA,

BY
BARON FERD. VON MUELLER, K.C.M.G., M. & PH.D., F.R.S.,

GOVERNMENT BOTANIST OF THE COLONY OF VICTORIA.

"SED GAUDEBITIS ET EXULTABITIS USQUE AD SEMPERNITERNUM IN IIS, QUE DEUS CREAVIT."—*Prophetia Isaiæ*, lxxv. 18.

THIRD DECADE.

BY AUTHORITY:
JOHN FERRES, GOVERNMENT PRINTER, MELBOURNE.

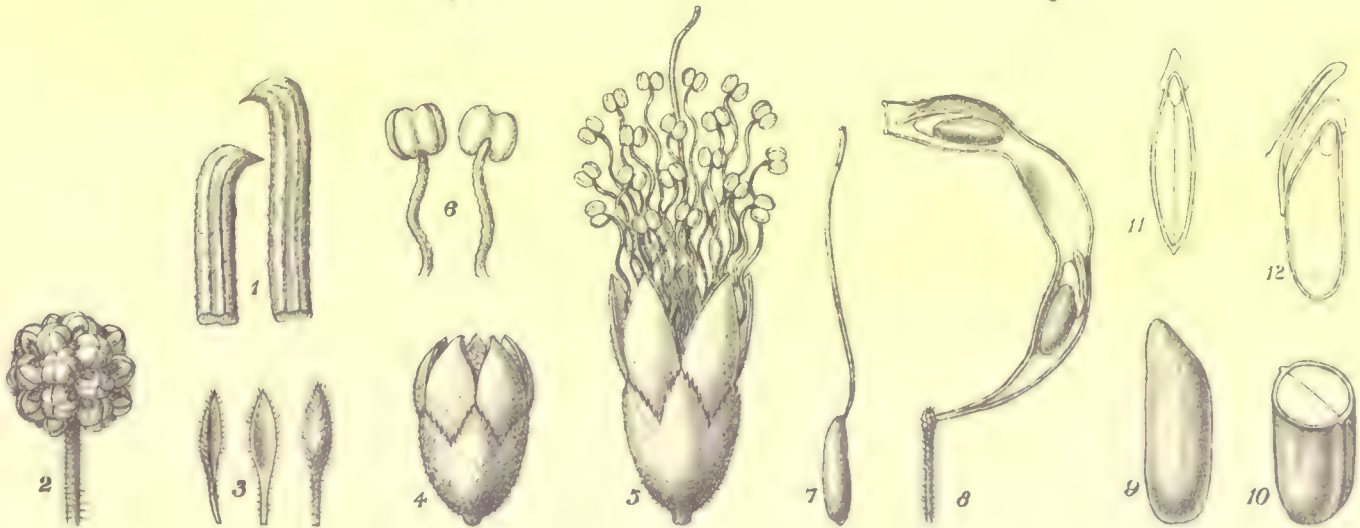
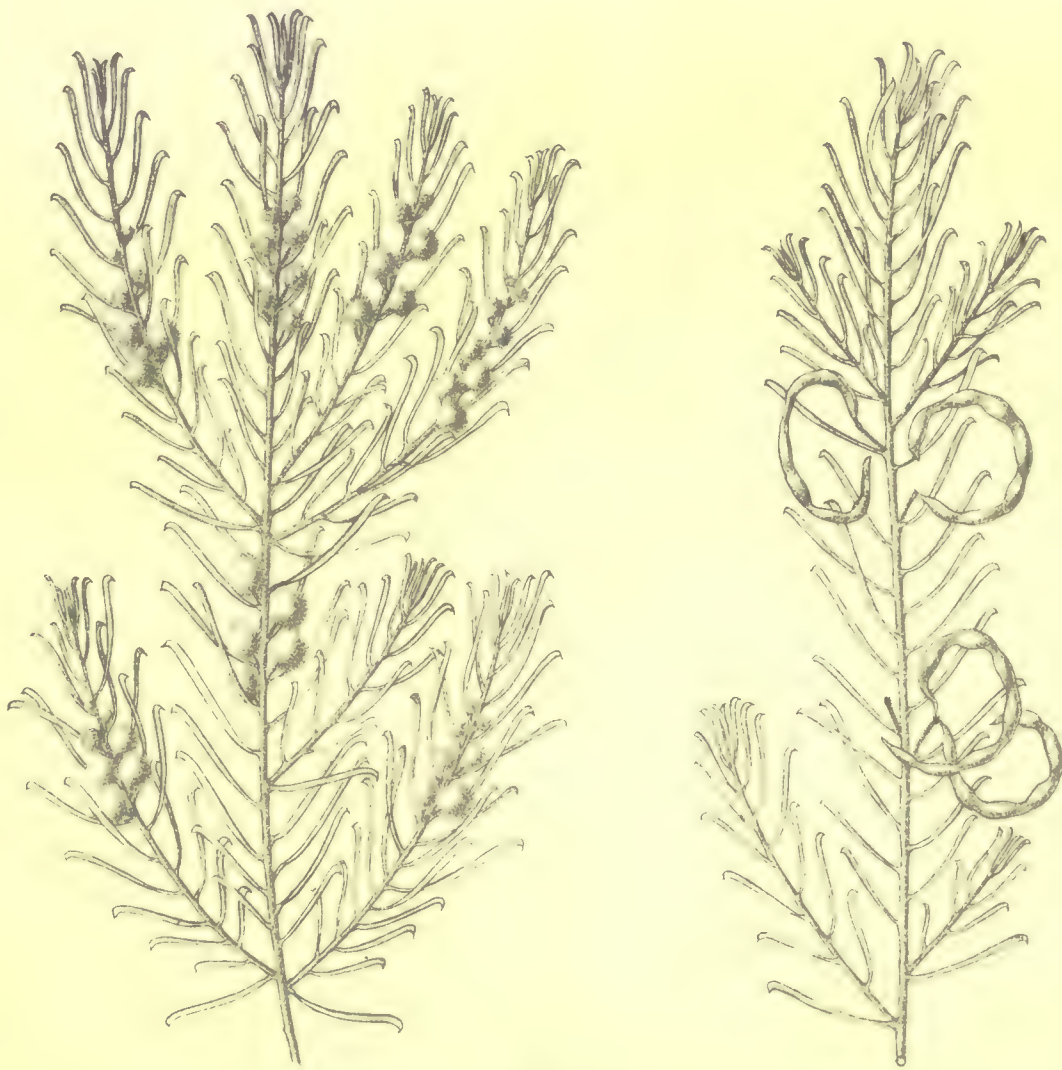
1887. 4.

ACACIA BYNOEANA.

Bentham in Schlechtendal's Linnæa xxvi. 614 (1853).

- 1, portions of phyllodia.
- 2, flower-head.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pistil.
- 8, lower portion of a fruit-valve with seeds.
- 9, a seed separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia Bynoeana Benth.

ACACIA GALIoidES.

Bentham in Hooker's London Journal of Botany i. 344 (1842).

- 1, portion of a phyllodium.
- 2, portion of a branchlet.
- 3, flower-head.
- 4, bracts.
- 5, unexpanded flower.
- 6, expanded flower.
- 7, front- and back-view of a stamen.
- 8, pollen-grains.
- 9, pistil.
- 10, lower portion of a fruit-valve with seeds.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



***Acacia galioides* Benth.**

ACACIA SUBTERNATA.

F. v. Mueller in the Journal of the Linnean Society iii. 124 (1858).

- 1, portion of a phyllodium.
- 2, portion of a branchlet.
- 3, flower-head.
- 4, bracts.
- 5, unexpanded flower.
- 6, expanded flower.
- 7, front- and back-view of a stamen.
- 8, pollen-grains.
- 9, pistil.
- 10, lower portion of a fruit-valve with seeds.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



ACACIA BAUERI.

Bentham in Hooker's London Journal of Botany i. 344 (1842).

- 1, portion of a phyllodium.
- 2, portion of a branchlet.
- 3, flower-head.
- 4, bracts.
- 5 and 6, unexpanded flowers.
- 7, expanded flower.
- 8, front- and back-view of a stamen.
- 9, pollen-grains.
- 10, pistil.
- 11, lower portion of a fruit-valve with seed.
- 12, a seed separated.
- 13, transverse section of a seed.
- 14 and 15, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel sculp. Lith.

F. v. M. h. v. xil.

Steinb. lith. J. v. D. v. M. v. M. v. M.

Acacia Baueri BENTHAM.

ACACIA CEDROIDES.

Bentham in Schlechtendal's *Linnæa* xxvi. 615 (1853).

- 1, portion of a phyllodium.
- 2, flower-head.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



P. Gifford del. C. T. Wood & Co. lith.

From the Herbarium of the University of California

Acacia cedroides BENTHAM.

ACACIA MINUTIFOLIA.

F. v. Mueller, fragmenta phytographiæ Australiae viii. 243 (1874).

- 1, portion of a phyllodium.
- 2, portion of a branchlet.
- 3, flower-head.
- 4, bracts.
- 5, unexpanded flower.
- 6, expanded flower.
- 7, front- and back-view of a stamen.
- 8, pollen-grains.
- 9, pistil.
- 10, lower portion of a fruit-valve with seeds.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



R. G. & Co. Treas. & Co. Ltd. F. M. J. & Co. Ltd. Treas. & Co. Ltd. Treas. & Co. Ltd.

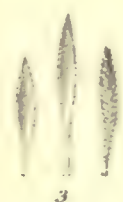
Acacia minutifolia F.v.M.

ACACIA SPONDYLOPHYLLA.

F. v. Mueller, fragmenta phytographiæ Australiae viii. 243 (1874).

- 1, portion of a phyllodium.
- 2, flower-head.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia spondylophylla F.v.M.

ACACIA CONFERTA.

Cunningham in Hooker's London Journal of Botany i. 345 (1842).

- 1, portion of a phyllodium.
- 2, flower-head.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia conferta *A. Cunningham.*

ACACIA ANCEPS.

De Candolle, Mémoire sur la famille des Légumineuses 446 (1825).

- 1, flower-head.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded flower.
- 5, front- and back-view of a stamen.
- 6, pollen-grains.
- 7, pistil.
- 8, lower portion of a fruit-valve with seeds.
- 9, a seed separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia anceps DeCandolle.

ACACIA MONTANA.

Bentham in Hooker's London Journal of Botany i. 360 (1842).

- 1, portion of a phyllodium.
- 2, flower-head.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of fruit-valve with seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Hoffm. del. C. Troedel & Co. lith.

Ex. M. Brazil.

Steam Press Gov. Printer, New York.

***Acacia montana* Benth**

ICONOGRAPHY
OF
AUSTRALIAN SPECIES OF ACACIA
AND
COGNATE GENERA,

BY
BARON FERD. VON MUELLER, K.C.M.G., M. & PH.D., F.R.S.,

GOVERNMENT BOTANIST OF THE COLONY OF VICTORIA.

"SED GAUDEBITIS ET EXULTABITIS USQUE AD SEMPERITERNUM IN HIS, QUÆ DEUS CREABAT."—*Prophetia Isaiæ*, lxx. 18.

FOURTH DECADE.

BY AUTHORITY:
JOHN FERRES, GOVERNMENT PRINTER, MELBOURNE.

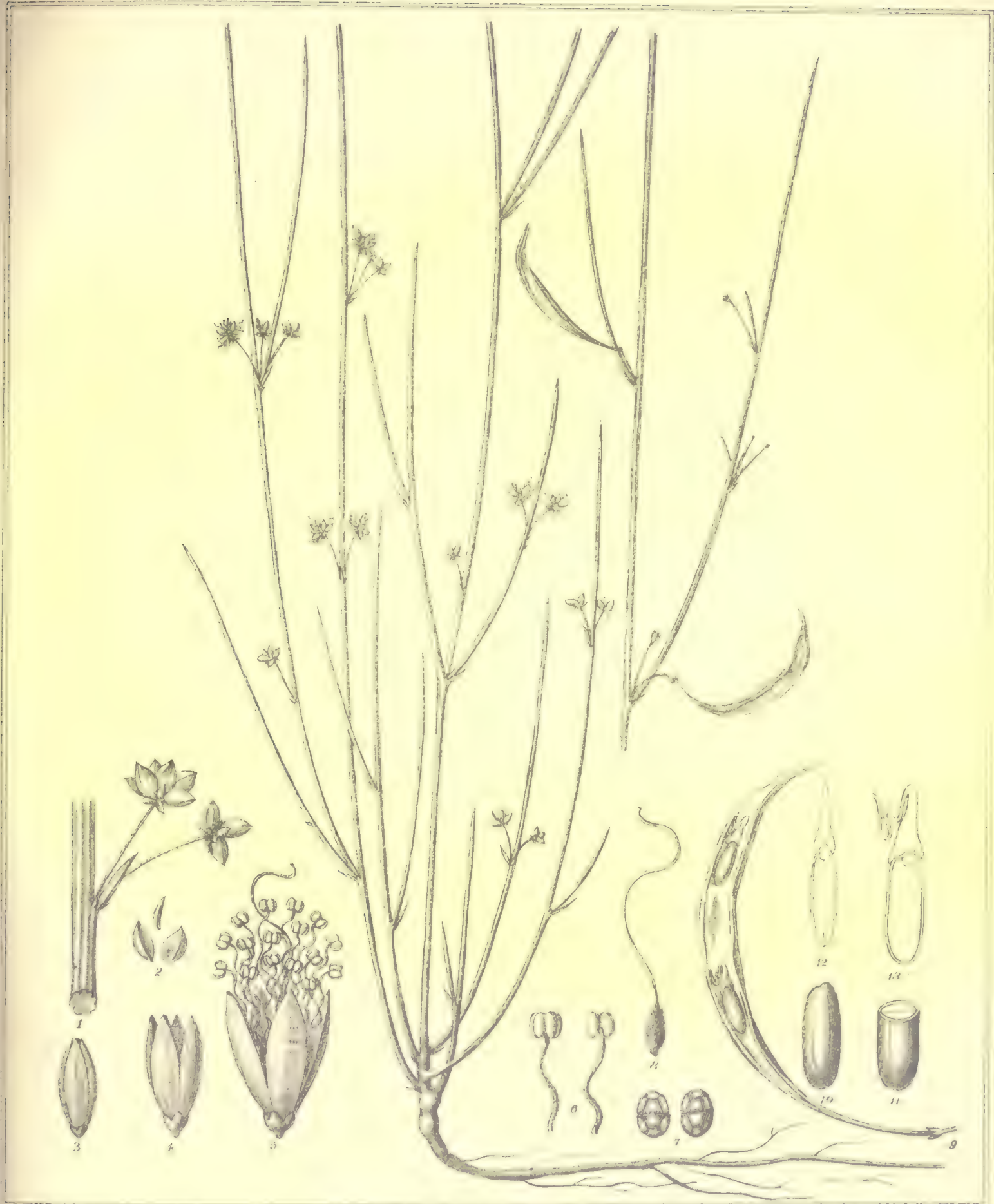
1887.

ACACIA TETRAGONOCARPA.

Meissner in Lehmann's *Plantæ Preissianæ* i. 4 (1844).

- 1, portion of a branchlet with young flowerheads.
- 2, bracts.
- 3, flower-bud.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia tetragonocarpa Meissner.

ACACIA ERINACEA.

Bentham in Hooker's London Journal of Botany i. 360 (1842).

- 1, phyllodia.
 - 2, flower-head.
 - 3, bracts.
 - 4, unexpanded flower.
 - 5, expanded flower.
 - 6, front- and back-view of a stamen.
 - 7, pollen-grains.
 - 8, pistil.
 - 9, lower portion of a fruit-valve with seeds.
 - 10, a seed separated.
 - 11, transverse section of a seed.
 - 12 and 13, longitudinal sections of seeds.
- All, except 1, enlarged, but to various extent.



Acacia erinacea Benth.

ACACIA ASPERA.

Lindley in Mitchell's Three Expeditions ii. 139 (1838).

- 1, portion of a phyllodium.
- 2, glandular hairs.
- 3, head of very young buds, showing the bracts.
- 4, head of unexpanded flowers.
- 5 and 6, separate unexpanded flowers.
- 7, expanded flower.
- 8, front- and back-view of a stamen.
- 9, pollen-grains.
- 10, pistil.
- 11, lower portion of a fruit-valve with seeds.
- 12, a seed separated.
- 13, transverse section of a seed.
- 14 and 15, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. F. Ross & Co. lith.

F. & M. direct.

State of California Gov. Printing Office, San Francisco.

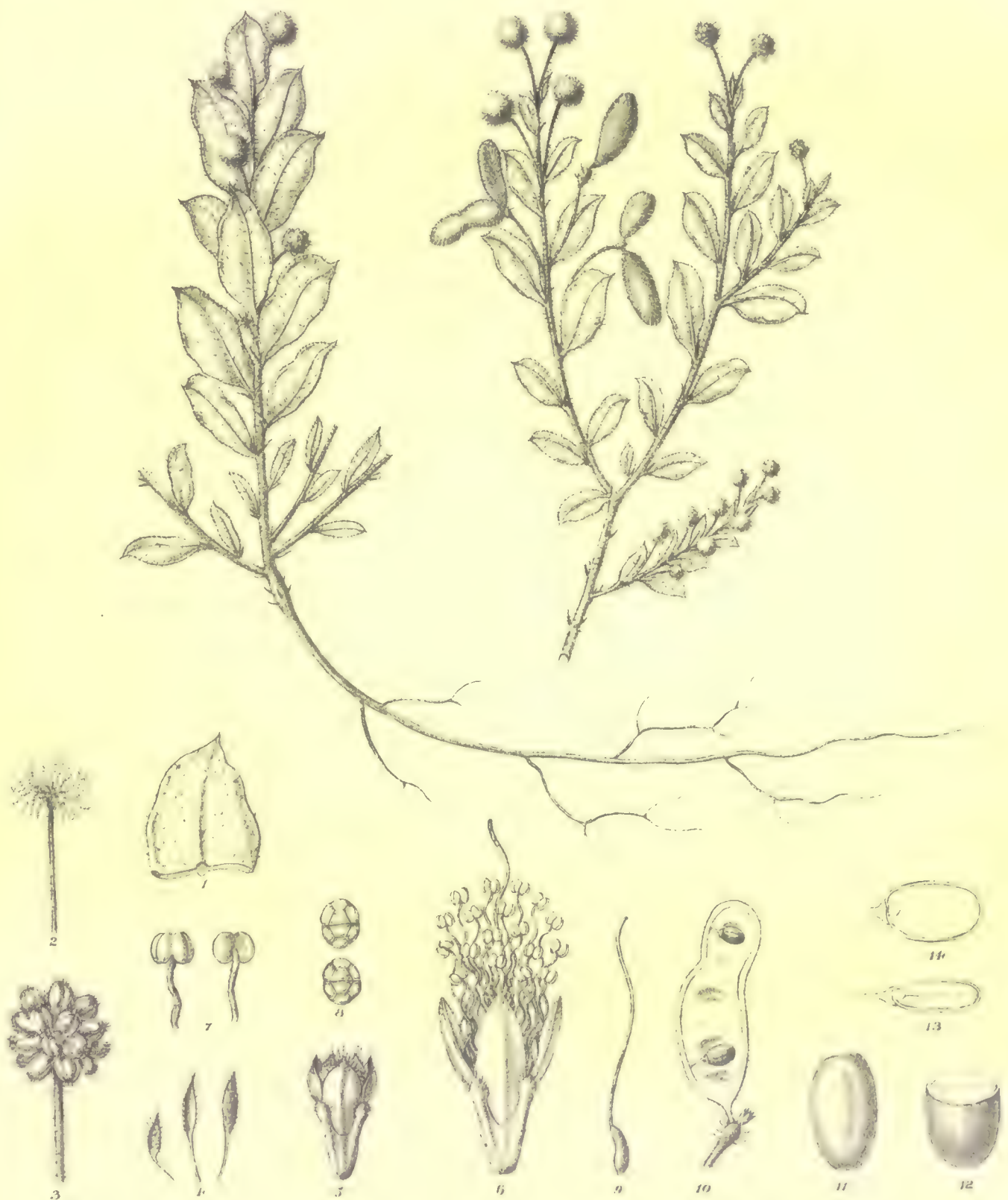
Acacia aspera LINDLEY.

ACACIA PILOSA.

Bentham in Schlechtendal's *Linnæa* xxvi. 607 (1853).

- 1, portion of a phyllodium.
- 2, head of very young buds, showing the bracts.
- 3, head of unexpanded flowers.
- 4, bracts.
- 5, unexpanded flower.
- 6, expanded flower.
- 7, front- and back-view of a stamen.
- 8, pollen-grains.
- 9, pistil.
- 10, fruit-valve with seeds.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



W. & A. G. Fowler & Co. Lith.

F. & M. Rexell

Steam Press Gov. Printing Office Melb.

Acacia pilosa BENTHAM.

ACACIA PLAGIOPHYLLA.

F. v. M. in the Journal of the Linnean Society iii. 131 (1858).

- 1, portion of a branchlet with phyllodia.
- 2, flower-head.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff, del. C. Troedel & Co. lith.

FvM. direxit

Steam Litho, Gov. Printing Off. Co. Melb.

Acacia plagiophylla FvM.

ACACIA ACANTHOCLADA.

F. v. M. fragmenta phytographiæ Australiæ iii. 127 (1863).

- 1, portion of a branchlet with phyllodia.
- 2, phyllodia separated.
- 3, young flower-head.
- 4, bracts.
- 5, unexpanded flower.
- 6, expanded flower.
- 7, front- and back-view of a stamen.
- 8, pollen-grains.
- 9, pistil.
- 10, lower portion of a fruit-valve with seeds.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



ACACIA ACINACEA.

Lindley in Mitchell's Three Expeditions ii. 267 (1838).

- 1, phyllodia.
- 2, young flower-head.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & Co. lith.

P. v. M. direxit

Steinb. lith. G. v. Preuss. D. Troedel & Co. lith.

Acacia acinacea Lindley.

ACACIA MICROCARPA.

F. v. M. Second General Report 7 (1854).

- 1, portion of a phyllodium.
- 2, young flower-head.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia microcarpa F.v.M.

ACACIA SENTIS.

F. v. M. Second General Report 11 (1854).

- 1, portions of phyllodia.
- 2, young flower-head.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia Sentis F.v.M.

ACACIA FASCICULIFERA.

F. v. M. in Bentham's Flora Australiensis ii. 361 (1864).

- 1, young flower-head.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded flower.
- 5, front- and back-view of a stamen.
- 6, pollen-grains.
- 7, pistil.
- 8, lower portion of a fruit-valve with seeds.
- 9, a seed separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del C. Troost & Co. Lith.

F.v.M. dir. xit.

Stein. Litho. G. v. Fr. k. u. d. O. f. f. i. c. e. M. e. l. b.

Acacia fasciculifera F.v.M.

ICONOGRAPHY
OF
AUSTRALIAN SPECIES OF ACACIA
AND
COGNATE GENERA,

BY
BARON FERD. VON MUELLER, K.C.M.G., M. & PH.D., F.R.S.,
GOVERNMENT BOTANIST OF THE COLONY OF VICTORIA.

"SED GAUDEBITIS ET EXULTABITIS USQUE AD SEMPITERNUM IN HIS, QUÆ DEUS CREABAT."—*Prophetia Isaïæ*, lxxv. 18.

FIFTH DECADE.

BY AUTHORITY:
ROBT. S. BRAIN, GOVERNMENT PRINTER, MELBOURNE.

1887.

ACACIA SPATULATA.

F. v. M. in Bentham's Flora Australiensis ii. 356 (1864).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, an unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, young fruits.
- 10, lower portion of a fruit-valve with seeds.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia spatulata FvM

ACACIA WATTSIANA.

F. v. M. in Bentham's Flora Australiensis ii. 374 (1864).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4 and 5, unexpanded flowers.
- 6, expanded flower.
- 7, front- and back-view of a stamen.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia Wattiana F.v.M.

ACACIA STRONGYLOPHYLLA.

F. v. M. fragmenta phytographiæ Australiæ viii. 226 (1874).

- 1, a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All except 1 enlarged, but to various extent.

Acacia strongylophylla FvM

ACACIA PYRIFOLIA.

De Candolle, Mémoire sur la famille des Légumineuses 447 (1825).

- 1, head of unexpanded flowers.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded flower.
- 5, front- and back-view of a stamen.
- 6, pollen-grains.
- 7, pistil.
- 8, lower portion of a fruit-valve with seeds.
- 9, a seed separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.



H. Graff del. C. Troedel & Co. Lith.

F. v. M. direxit.

Steam Litho. Gov. Printing. Office. Melbourne.

Acacia pyrifolia DeCandolle.

ACACIA NOTABILIS.

F. v. M. fragmenta phytographiæ Australiæ i. 6 (1858).

- 1, portion of a phyllodium.
 - 2, head of unexpanded flowers.
 - 3, bracts.
 - 4, unexpanded flower.
 - 5, expanding flower.
 - 6, fully expanded flower.
 - 7, front- and back-view of a stamen.
 - 8, pollen-grains.
 - 9, pistil.
 - 10, lower portion of a fruit-valve with seeds.
 - 11, a seed separated.
 - 12, transverse section of a seed.
 - 13 and 14, longitudinal sections of seeds.
- All except 1 enlarged, but to various extent.

Acacia notabilis F.v.M

ACACIA LEPTOPETALA.

Bentham in Schlechtendal's Linnæa xxvi. 619 (1853).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanding flower.
- 6, fully expanded flower.
- 7, front- and back-view of a stamen.
- 8, pollen-grains.
- 9, pistil.
- 10, lower portion of a fruit-valve with seeds.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



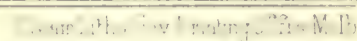
Acacia leptopetala Benth.

ACACIA MACRADENIA.

Bentham in Mitchell's Tropical Australia 360 (1848).

- 1, portion of a phyllodium.
- 2, bracts.
- 3, expanded flower.
- 4, front- and back-view of a stamen.
- 5, pollen-grains.
- 6, pistil.
- 7, lower portion of a fruit-valve with seeds.
- 8, a seed separated.
- 9, transverse section of a seed.
- 10 and 11, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia macradenia *Benth.*

ACACIA HARVEYI.

Bentham, Flora Australiensis ii. 368 (1864).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pistil.
- 8, lower portion of a fruit-valve with a seed.
- 9, a seed separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.



***Acacia Harveyi* Benth.**

ACACIA RETINODES.

Schlechtendal, Linnæa xx. 664 (1847).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & Co. Lith.

F. v. M. drewit.

Steam Litho. Gov. Printing Office Melb.

***Acacia retinodes* Schlechtendal.**

ACACIA HAKEOIDES.

A. Cunningham in Hooker's London Journal of Botany i. 354 (1842).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanding flower.
- 6, fully expanded flower.
- 7, front- and back-view of a stamen.
- 8, pollen-grains.
- 9, pistil.
- 10, lower portion of a fruit-valve with seeds.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia hakeoides Cunningham.

ICONOGRAPHY
OF
AUSTRALIAN SPECIES OF ACACIA
AND
COGNATE GENERA,

BY
BARON FERD. VON MUELLER, K.C.M.G., M. & PH.D., F.R.S.,

GOVERNMENT BOTANIST OF THE COLONY OF VICTORIA.

"SED GAUDEBITIS ET EXULTABITIS USQUE AD SEMPERNITERNUM IN HIS, QUÆ DEUS CREABAT."—*Prophetia Isaie*, lxxv. 18.

SIXTH DECADE.

BY AUTHORITY:
ROBT. S. BRAIN, GOVERNMENT PRINTER, MELBOURNE.

1887.

ACACIA ITEAPHYLLA.

F. v. M. in Schlechtendal's Linnæa xxvi. 617 (1853).

- 1, upper portion of a phyllodium.
- 2, a young flower-head with its clasping bract.
- 3, head of unexpanded flowers.
- 4, bracts.
- 5, unexpanded flower.
- 6, expanded flower.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, pistil.
- 10, lower portion of a fruit-valve with a seed.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



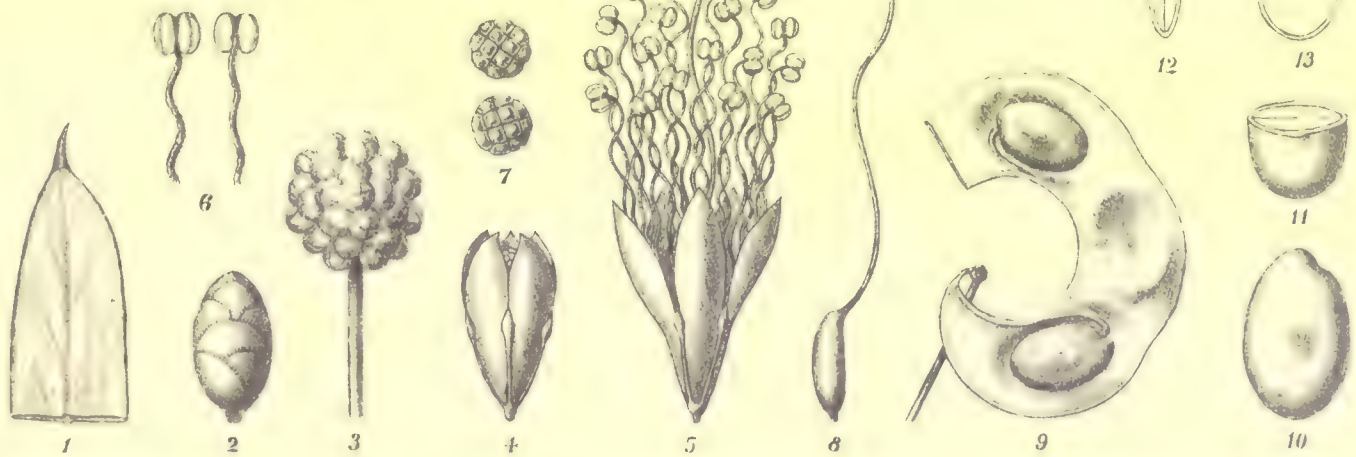
Acacia iteaphylla F. v. M.

ACACIA GRAFFIANA.

F. v. M. in Melbourne Chemist, new series, ii. 118 (1887).

- 1, upper portion of a phyllodium.
- 2, young flower-head, enclosed by its bracts.
- 3, head of unexpanded flowers.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia Graftiana FvM.

ACACIA DIETRICHIANA.

F. v. M. in Melbourne Chemist, July 1882.

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4 and 5, unexpanded flowers.
- 6, expanded flower.
- 7, front- and back-view of stamens.
- 8, pollen-grain.
- 9, pistil.
- 10, lower portion of a fruit-valve with a seed.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.

ACACIA PRÆLONGATA.

F. v. M. in Melbourne Chemist iii. (1883).

- 1, portions of phyllodia.
- 2, head of unexpanded flowers with its bracteate stalk.
- 3, floral bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

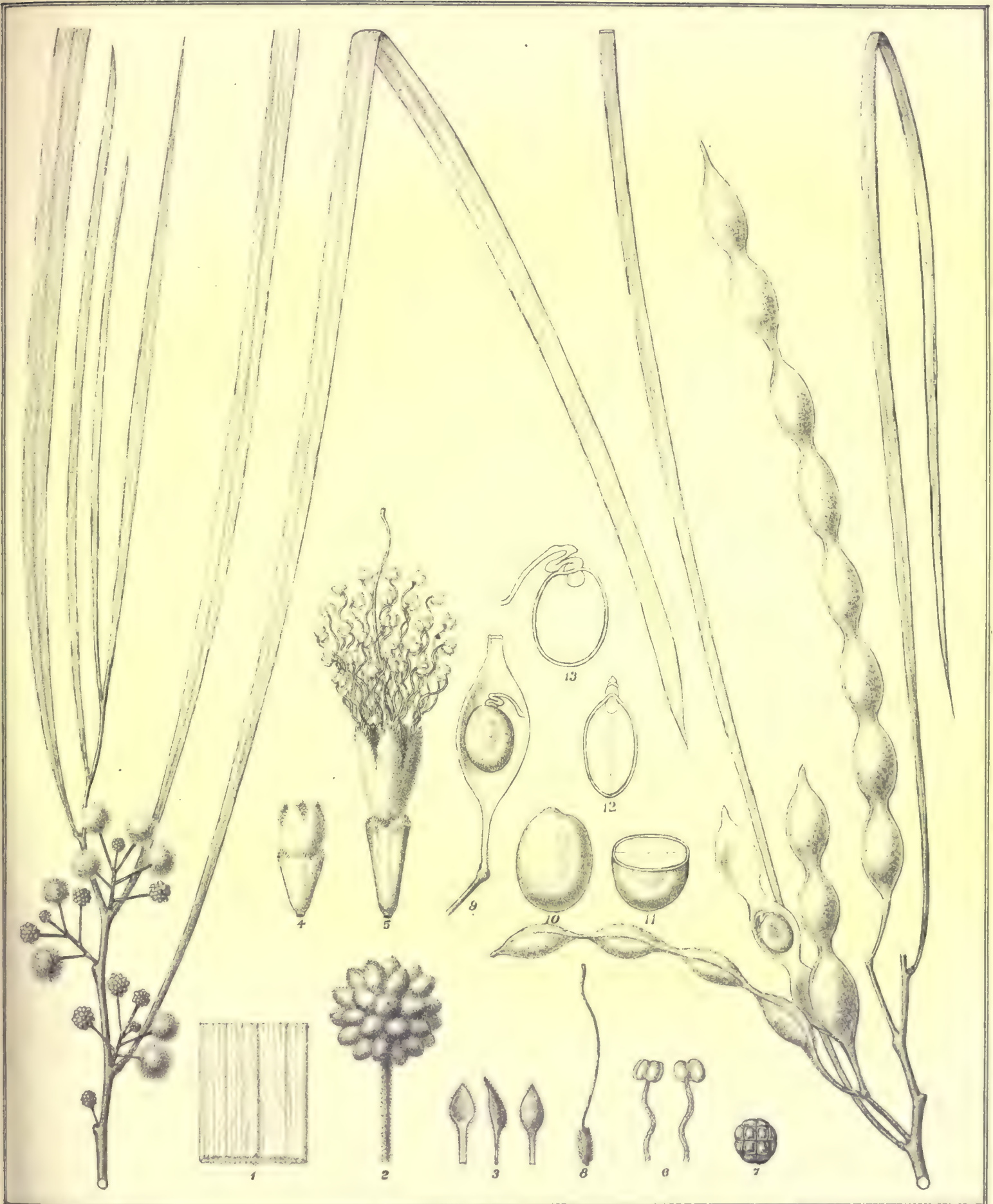
All enlarged, but to various extent.

ACACIA STENOPHYLLA.

A. Cunningham in Hooker's London Journal i. 366 (1842).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of stamens.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. G. Troedel & Co. Lith.

F. v. M. direxit

Steam Litho. Gov. Printing Office Melb

Acacia stenophylla A. CUNNINGHAM.

ACACIA CORIACEA.

De Candolle, Mémoire sur la famille des Légumineuses 446 (1825).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



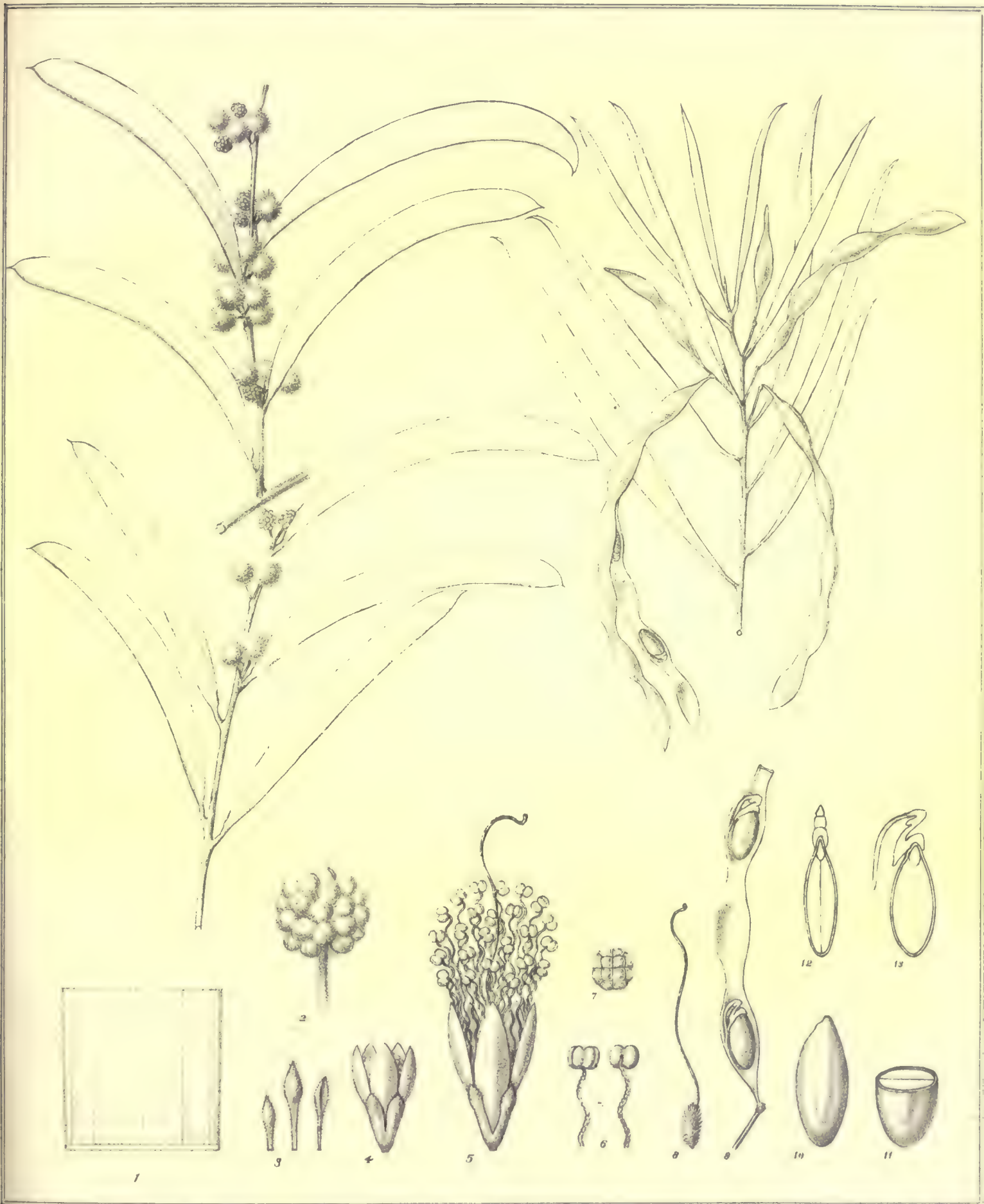
Acacia coriacea De Candolle

ACACIA HOMALOPHYLLA.

A. Cunningham in Hooker's London Journal i. 365 (1842).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of stamens.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & Co Lith.

F. v. M. direxit.

Stein Lith. Joh. Frising. Offic. Melb.

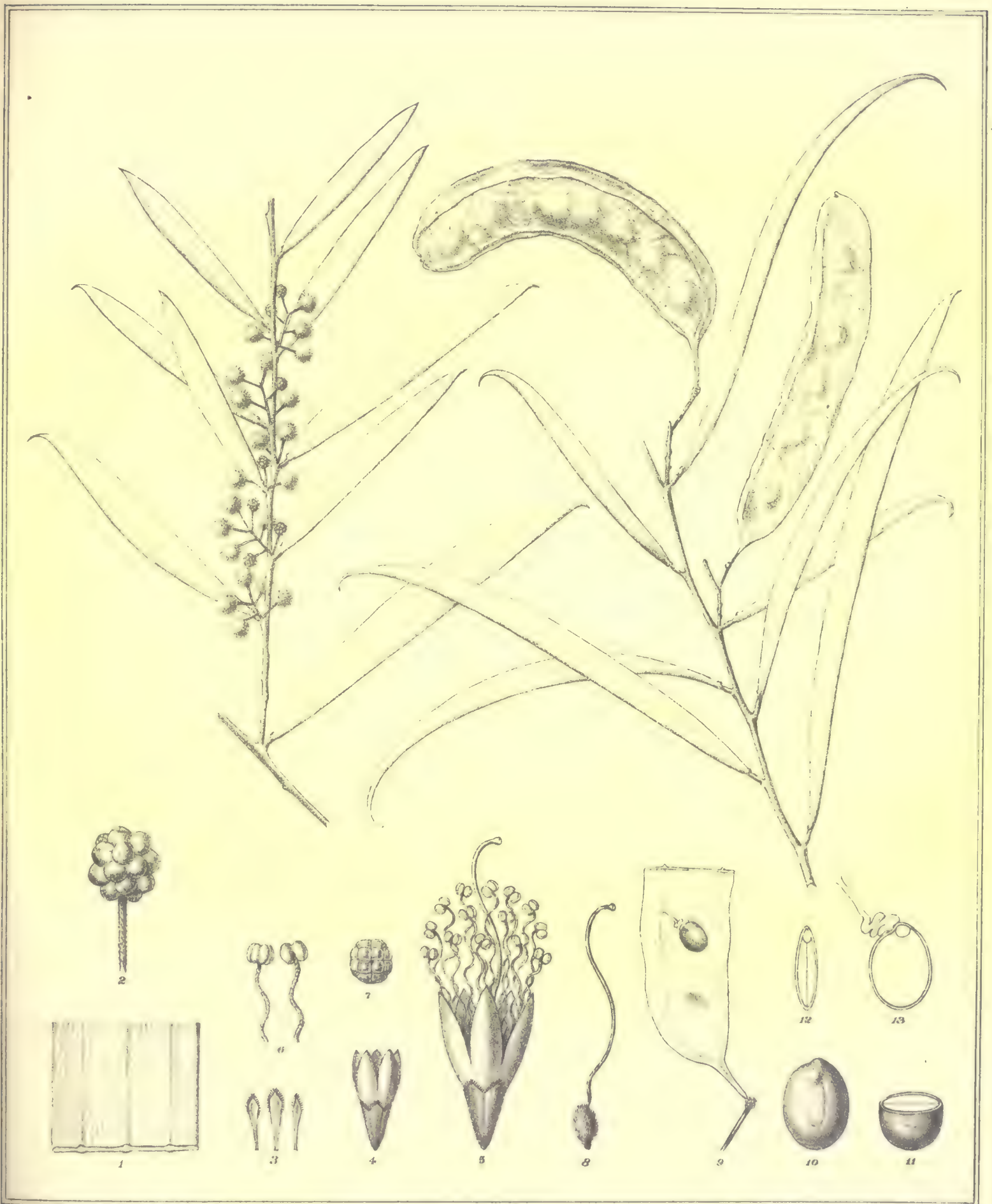
Acacia homalophylla *A. Cunningham.*

ACACIA PENDULA.

A. Cunningham in Loudon, hortus Britannicus 490 (1830).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graef del. C. Fiedler sculp.

F. v. M. direxit.

Steinlitho. Gov. Printing Office, Melbourne.

Acacia pendula *A. Cunningham.*

ACACIA HARPOPHYLLA.

F. v. M. in Bentham's Flora Australiensis ii. 389 (1864).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.
- 14, radicle, plumule and part of albumen.

All enlarged, but to various extent.



Acacia harpophylla F.v.M.

ACACIA OSSWALDI.

F. v. M. plants of Victoria ii. 27 (1860).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff, del. C. Troedel & Co. lith.

F.v.M. direct.

Steam Litho. Gov. Printing Office Melb.

Acacia Osswaldi F.v.M.

ICONOGRAPHY
OF
AUSTRALIAN SPECIES OF ACACIA
AND
COGNATE GENERA,

BY
BARON FERD. VON MUELLER, K.C.M.G., M. & PH.D., F.R.S.,

GOVERNMENT BOTANIST OF THE COLONY OF VICTORIA.

"SED GAUDEBITIS ET EXULTABITIS USQUE AD SEMPERNUM IN IIS, QUE DEUS CREAVIT."—*Prophetia Isaie*, lxxv. 18.

SEVENTH DECADE.

BY AUTHORITY:
ROBT. S. BRAIN, GOVERNMENT PRINTER, MELBOURNE.

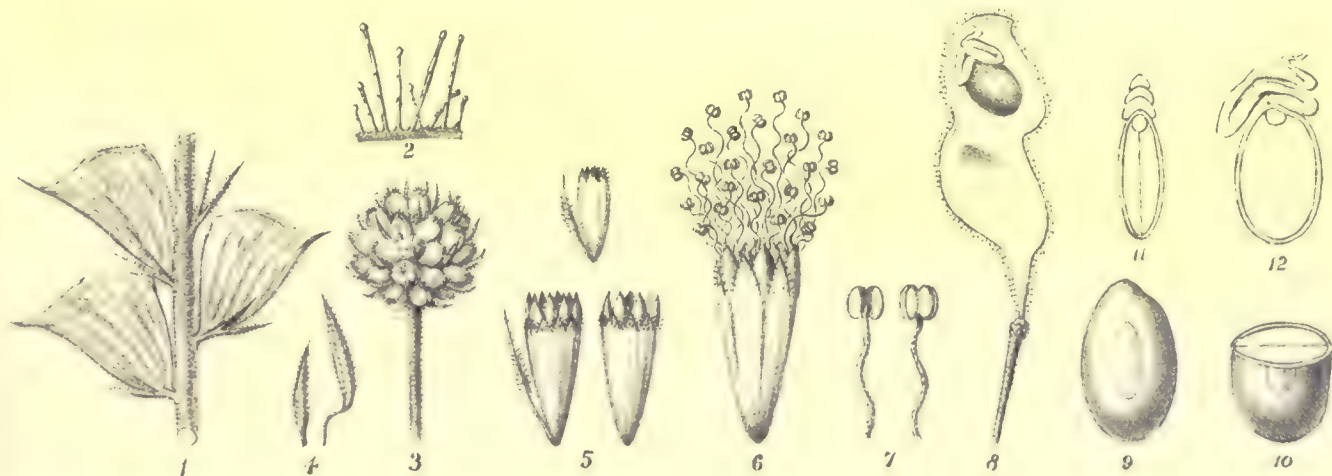
—
1887.

ACACIA STIPULOSA.

F. v. M. in Journal of the Linnean Society iii. 119 (1858).

- 1, portion of a branchlet with phyllodia and stipules.
- 2, glandular hairlets.
- 3, head of unexpanded flowers.
- 4, bracts.
- 5, two unexpanded flowers.
- 6, expanded flower.
- 7, back- and front-view of stamens.
- 8, lower portion of fruit-valve with a seed.
- 9, a seed separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia stipulosa F.v.M.

ACACIA LUEHMANNI.

F. v. M. fragmenta phytographiæ Australiae xi. 116 (1881).

- 1, phyllodia.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanding flower.
- 6, fully expanded flower.
- 7, front- and back-view of stamens.
- 8, pollen-grains.
- 9, pistil.
- 10, lower portion of a fruit-valve with a seed.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



W. G. S. and C. F. S. and C. F. S.

W. G. S. and C. F. S.

W. G. S. and C. F. S. and C. F. S.

Acacia Luehmanni *F. v. M.*

ACACIA AMBLYGONA.

A. Cunningham in Hooker's London Journal of Botany i. 332 (1842).

- 1, portion of branchlet with stipules and a stalked head of unexpanded flowers.
- 2, phyllodia.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of stamens.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia amblygona A. Cunningham.

ACACIA SCALPELLIFORMIS.

Meissner in Lehmann's *Plantæ Preissianæ* ii. 200 (1847).

- 1, a phyllodium.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded flower.
- 5, front- and back-view of stamens.
- 6, pistil.
- 7, lower portion of fruit-valve with a seed.
- 8, a seed separated.
- 9, transverse section of a seed.
- 10 and 11, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Seafford & Troedel & Co. Lith.

F. v. Mueller

Steam Litho. Gov. Printing Office Melb.

Acacia scalpelliformis Meissner.

ACACIA PHLEBOCARPA.

F. v. M. in the Journal of the Linnean Society iii. 119 (1858).

- 1, portions of phyllodia.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanding flower.
- 6, fully expanded flower.
- 7, front- and back-view of stamens.
- 8, pollen-grain.
- 9, pistil.
- 10, lower portion of fruit-valve with seeds.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



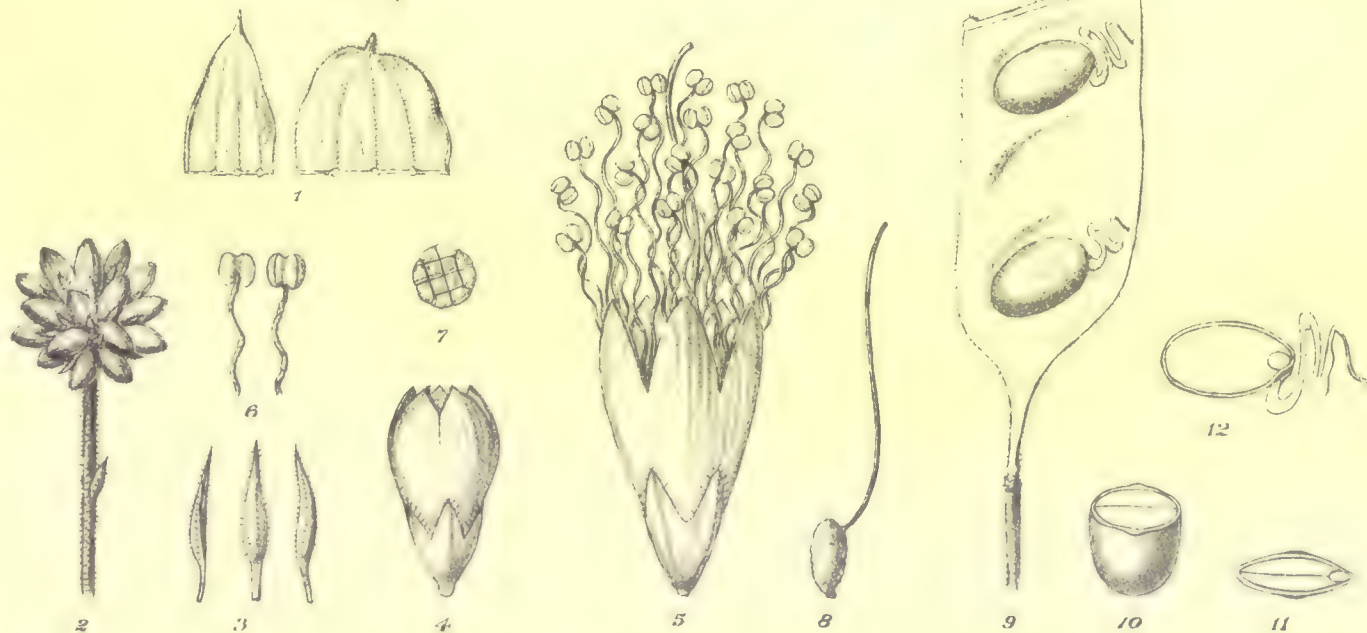
Acacia phlebocarpa FvM.

ACACIA IMPRESSA.

F. v. M. in the Journal of the Linnean Society iii. 133 (1858).

- 1, portions of phyllodia.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, back- and front-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & C. Lith.

F.v.M. direxit.

Stearns Litho. Gov. Printing Office Melb.

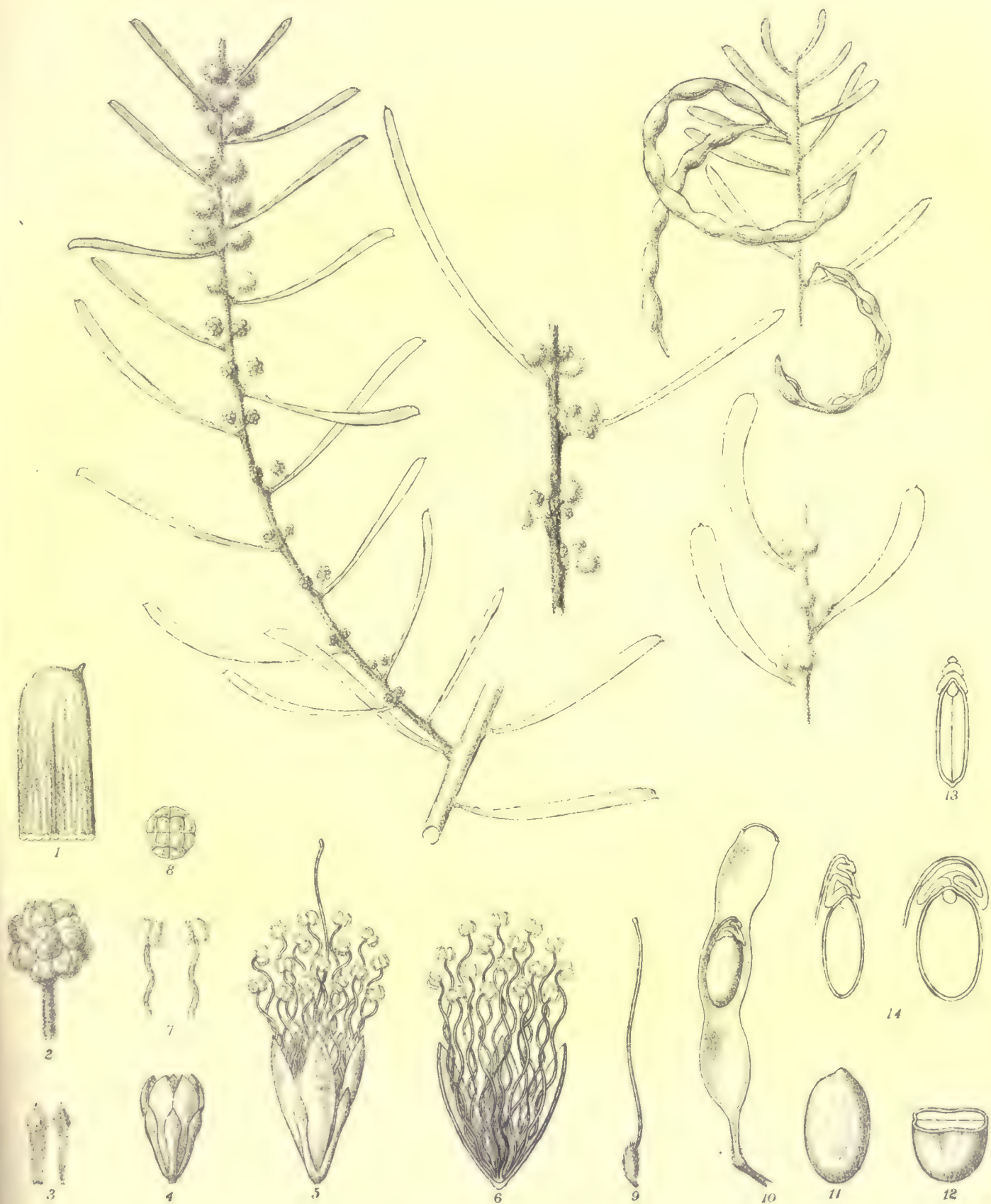
***Acacia impressa* F.v.M.**

ACACIA FARINOSA.

Lindley in Mitchell's Three Expeditions ii. 145 (1838).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, longitudinal section of an expanded flower.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, pistil.
- 10, lower portion of a fruit-valve with a seed.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia farinosa Lindley.

ACACIA SUBPOROSA.

F. v. M. Plants of Victoria ii. 24 (1860).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia subporosa F.v.M.

ACACIA HETEROCLITA.

Meissner in Lehmann's *Plantæ Preissianæ* i. 318 (1845).

- 1, portion of phyllodia.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, back- and front-view of stamens.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & Co. Lith.

F. v. M. direxit

Stein Litho. & z. Printing Office, Melt.

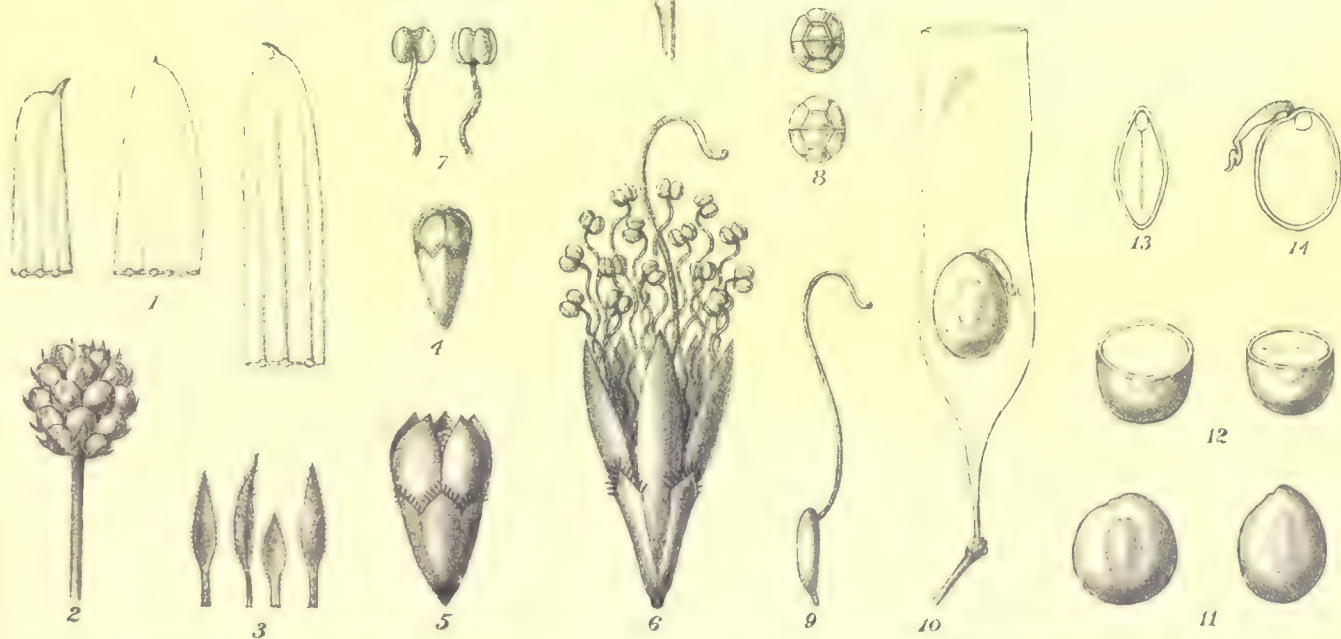
Acacia heteroclita Meissner.

ACACIA SIMSII.

A. Cunningham in Hooker's London Journal of Botany i. 368 (1842).

- 1, portion of phyllodia.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanding flower.
- 6, fully expanded flower.
- 7, back- and front-view of a stamen.
- 8, pollen-grains.
- 9, pistil.
- 10, lower portion of a fruit-valve with a seed.
- 11, two seeds separated.
- 12, transverse sections of seeds.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia Simsii *A. Cunningham.*

ICONOGRAPHY
OF
AUSTRALIAN SPECIES OF ACACIA
AND
COGNATE GENERA,

BY
BARON FERD. VON MUELLER, K.C.M.G., M. & PH.D., F.R.S.,

GOVERNMENT BOTANIST OF THE COLONY OF VICTORIA.

"SED GAUDEBITIS ET EXULTABITIS USQUE AD SEMPITERNUM IN IIS, QUAE DEUS CREABAT."—*Prophetia Isaia*, lxxv. 18.

EIGHTH DECADE.

BY AUTHORITY:
ROBT. S. BRAIN, GOVERNMENT PRINTER, MELBOURNE.

1887.

ACACIA ORARIA.

F. v. M. fragmenta phytographiae Australiae xi. 66 (1879).

- 1, a phyllodium.
 - 2, head of unexpanded flowers.
 - 3, bracts.
 - 4, unexpanded flower.
 - 5, expanded flower.
 - 6, front- and back-view of a stamen.
 - 7, pollen-grain.
 - 8, pistil.
 - 9, lower portion of a fruit-valve with seeds.
 - 10, transverse section of a seed.
 - 11, a seed separated.
 - 12 and 13, longitudinal sections of seeds.
- All except 1 enlarged, but to various extent.



Bot. Mag. de C. Trevisan & C. 1870.

F. v. M.

London: The London Office, 1870.

Acacia oraria FvM.

ACACIA IMPLEXA.

Bentham in Hooker's London Journal i. 368 (1842).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of a fruit-valve with seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



***Acacia implexa* Benth.**

ACACIA CYCLOPIS.

A. Cunningham in Loudon's hortus Britannicus 407 (1830).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & Co. Lith. F. v. M. direct. Stear. Litho. Gov. Printing Office. Moab.

Acacia cyclopis A. Cunningham.



ACACIA TRINEURA.

F. v. M. Plants of Victoria ii. 25 (1860).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia trineura FvM.

ACACIA HOMALOCLADA.

F. v. M. fragmenta phytographiae Australiae xi. 34 (1878).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del C. Troedel & Co. Lith.

FvM direxit

Stearns Litho Gov. Printing Office Melb.

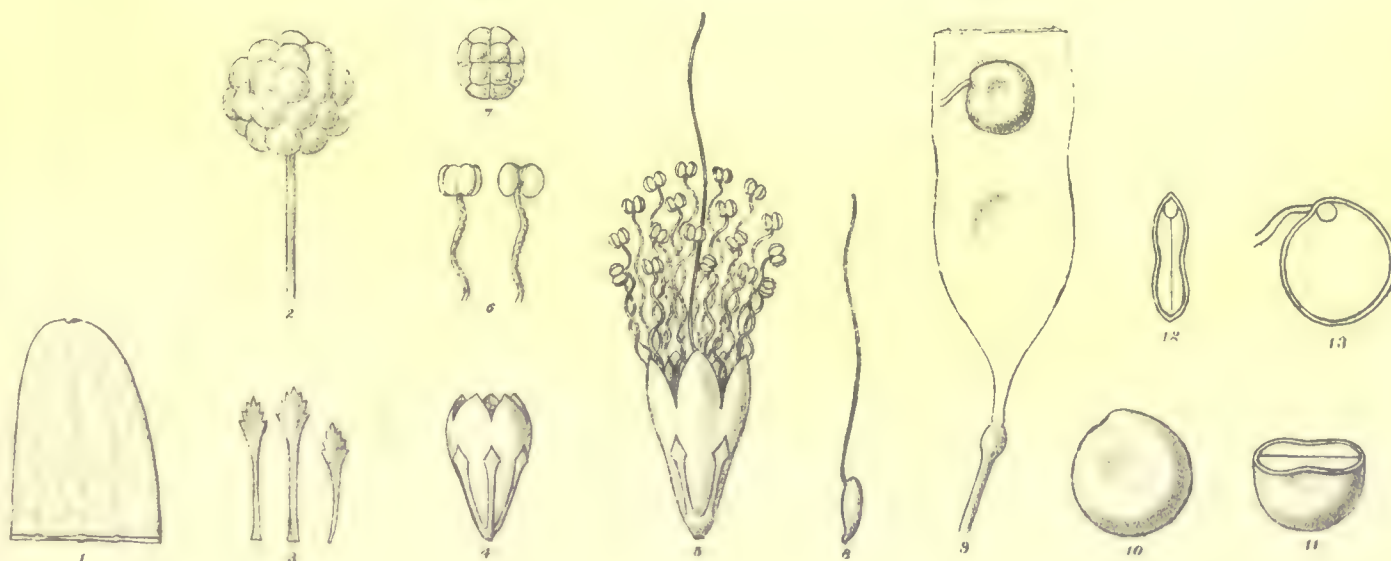
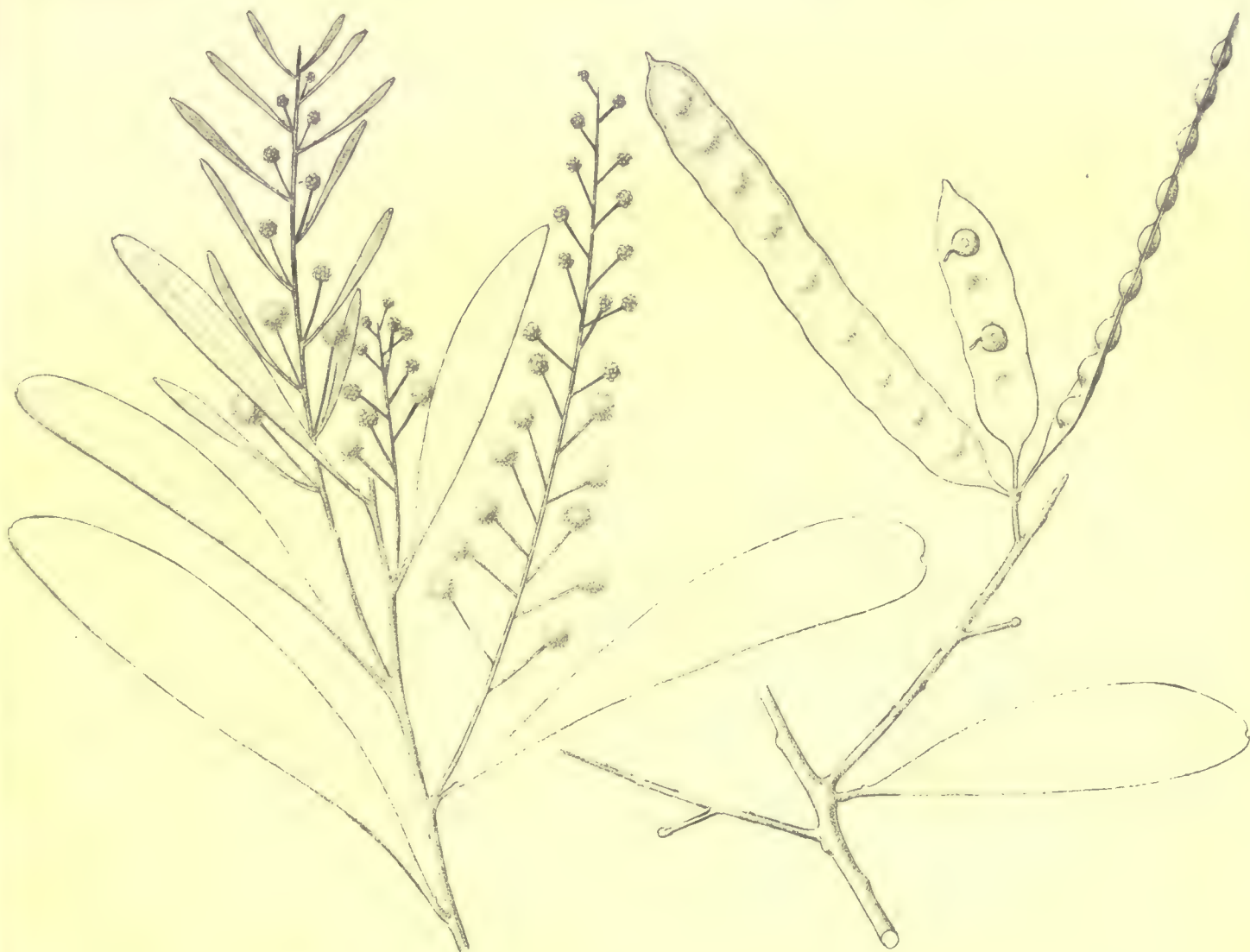
Acacia homaloclada FvM.

ACACIA HEMIGNOSTA.

F. v. M. in Journal of the Linnean Society iii. 134 (1858).

- 1, portion of a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



F. Graff del. C. Troedel & Co. Lith.

FvM direct

State Litho. Gov. Printing Office Melb

Acacia hemimignosta *FvM*

ACACIA DICTYOPHLEBA.

F. v. M. fragmenta phytographiae Australiae iii. 128 (1863).

- 1, a phyllodium.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanding flower.
- 6, fully expanded flower.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, pistil.
- 10, lower portion of a fruit-valve with seeds.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del C. Troedel & C^o Lith

F.v.M. desent

Steam Litho Gov. Printing Office Melb

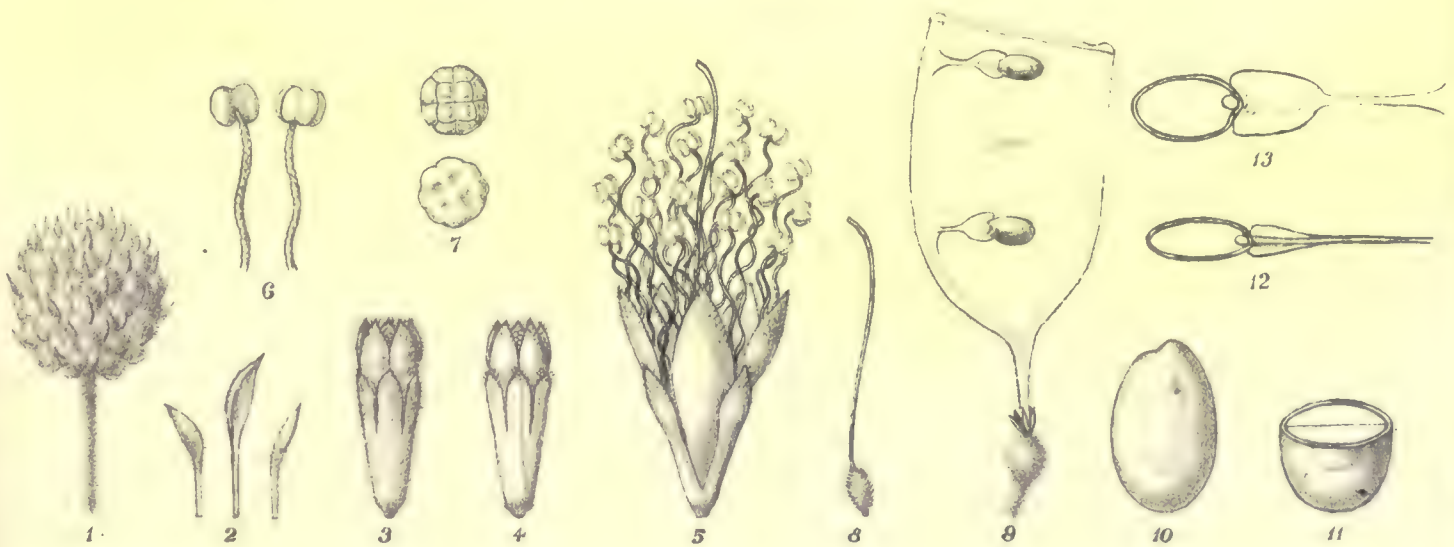
Acacia dictyophleba F.v.M.

ACACIA RETIVENEA.

F. v. M. fragmenta phytographiae Australiae iii. 128 (1863).

- 1, head of unexpanded flowers.
- 2, bracts.
- 3 and 4, unexpanded flowers.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grains.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia retivenea F. v. M.

ACACIA FLAVESCENS.

A. Cunningham in Hooker's London Journal i. 381 (1842).

- 1, head of unexpanded flowers.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded flower.
- 5, front- and back-view of a stamen.
- 6, pollen-grain.
- 7, pistil.
- 8, lower portion of a fruit-valve with seed.
- 9, a seed separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del C. Troedel & Co Lith

From direct

Steam Litho Gov Printing Office Melb

Acacia flavescens A. Cunningham.

ACACIA DINEURA.

F. v. M. in Journal of the Linnean Society iii. 130 (1858).

- 1, portions of phyllodia.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



P. Graef del. C. Froeder. & C. Lohr sculp.

FvM. d. n. ex.

Stam. Lohr. Sculp. Froeder. & C. Lohr sculp.

Acacia dineura FvM.

ICONOGRAPHY
OF
AUSTRALIAN SPECIES OF ACACIA
AND
COGNATE GENERA,

BY
BARON FERD. VON MUELLER, K.C.M.G., M. & PH.D., F.R.S.,
GOVERNMENT BOTANIST OF THE COLONY OF VICTORIA.

"SED GAUDEBITIS ET EXULTABITIS USQUE AD SEMPTERNUM IN HIS, QUE DEUS CREABAT."—*Prophetia Isaïæ*, lxx. 13.

NINTH DECADE.

BY AUTHORITY:
ROBT. S. BRAIN, GOVERNMENT PRINTER, MELBOURNE.
1888.

ACACIA TRIPTERA.

Bentham in Hooker's London Journal of Botany i. 325 (1842).

- 1, portion of a branchlet.
- 2, flower-bud.
- 3, unexpanded flower.
- 4, expanded flower, perfect.
- 5, flower, laid open, staminate only.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia triptera Bentham.

ACACIA RHIGIOPHYLLA.

F. v. M. in Schlechtendal's *Linnaea* xxvi. 611 (1853).

- 1, portion of a branchlet.
- 2, portion of a phyllodium.
- 3, flower-bud.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Graf del C Troedel & C^o Lith

FvMdirexit

Steam Litho Gov Printing Office Melb

Acacia rhigiophylla *FvM*

ACACIA ALPINA.

F. v. M. fragmenta phytographiae Australiae iii. 129 (1863).

- 1, a phyllodium.
- 2, portion of inflorescence.
- 3, bracts.
- 4, flower-bud.
- 5, unexpanded flower.
- 6, expanded flower.
- 7, front- and back-view of a stamen.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Gifford del. C. Troudel & Co. Lith.

F. v. M. direxit

Scam. Litho. Gov. Printing. Office. Melb.

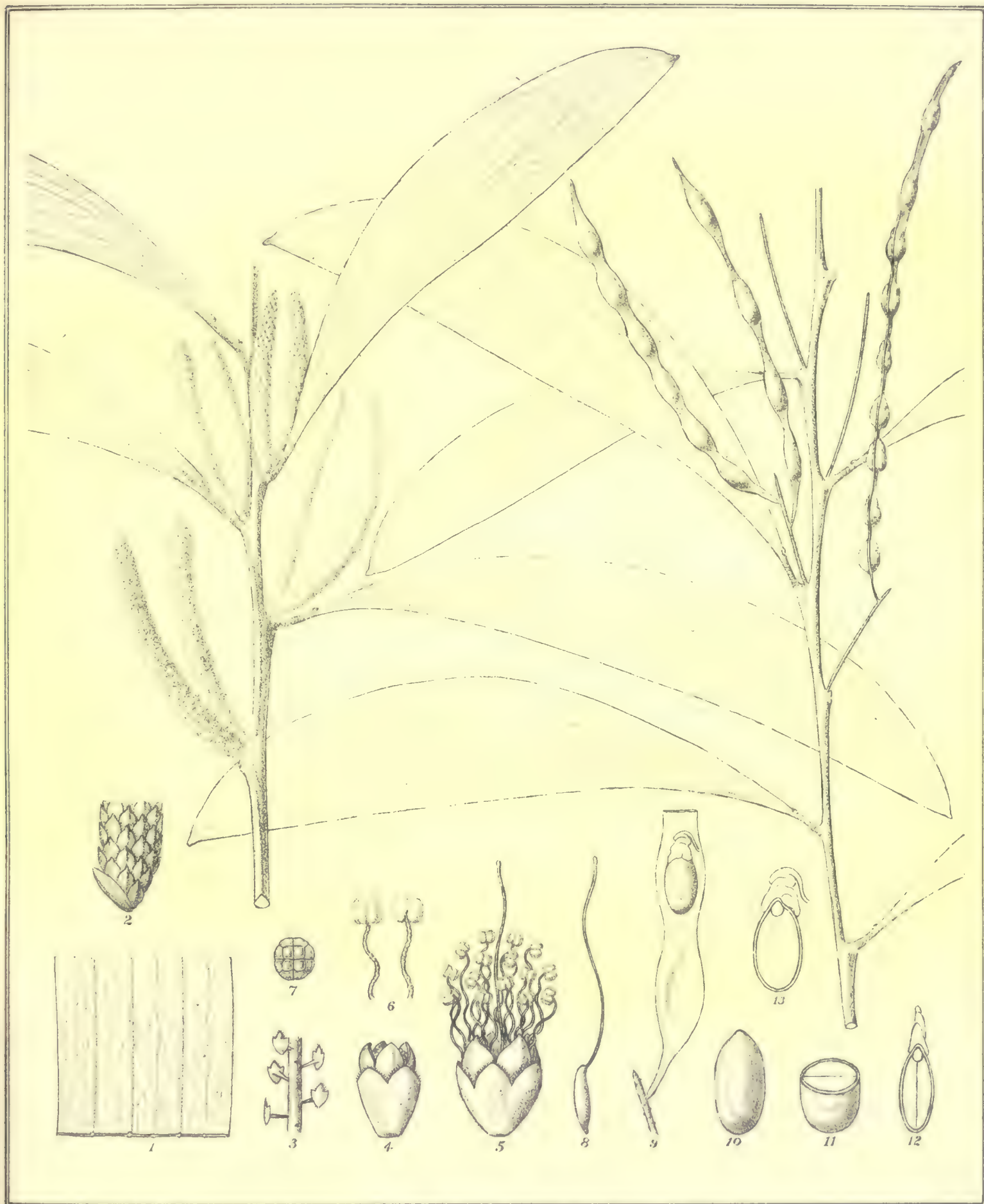
Acacia alpina F. v. M.

ACACIA DALLACHIANA.

F. v. M. fragmenta phytographiae Australiae i. 7 (1858).

- 1, portion of a phyllodium.
- 2, portion of a spike before expansion.
- 3, portion of a spike, the flowers dropped.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R Graff del. C Troedel & C^o Lith.

FvM direxit

Steam Litho. Gov Printing Office Melb.

Acacia **Dallachiana** *FvM*

ACACIA COCHLIOCARPA.

Meissner in der Botanischen Zeitung 10 (1855).

- 1, portion of a phyllodium.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded flower.
- 5, front- and back-view of a stamen.
- 6, pollen-grain.
- 7, pistil.
- 8, lower portion of a fruit-valve with a seed.
- 9, a seed, separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.

ACACIA CINCINNATA.

F. v. M. fragmenta phytographiae Australiae xi. 35 (1878).

- 1, portion of a phyllodium.
- 2, bracts.
- 3, flower-bud.
- 4, unexpanded flower.
- 5, expanded flower, perfect.
- 6, flower, laid open, staminate only.
- 7, front- and back-view of a stamen.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12, longitudinal section of a seed, showing the cotyledons.
- 13, longitudinal section of a seed, showing the funicle.

All enlarged, but to various extent.



R. Graff del C. Truedel & Co Lith

F. v. M. direct.

Steam Line Gov. Printing Office Mel.

Acacia cincinnata F. v. M.

ACACIA LATIFOLIA.

Bentham in Hooker's London Journal of Botany i. 382 (1842).

- 1, portion of an unexpanded spike.
- 2, bracts.
- 3 and 4, unexpanded flowers.
- 5, expanded flower.
- 6, flower, laid open, staminate only, one petal removed.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, pistil.
- 10, lower portion of a fruit-valve with a seed
- 11, a seed, separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia latifolia Benth.

ACACIA TUMIDA.

F. v. M. in the Journal of the Linnean Society iii. 144 (1858).

- 1, portion of a phyllodium.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.

Steam Litho Gov Printing Office Melb

Acacia tumida F.v.M.

ACACIA AULACOCARPA.

Cunningham in Hooker's London Journal of Botany i. 379 (1842).

- 1, portion of inflorescence.
- 2, bracts.
- 3, unexpanded flower.
- 4, staminate flower.
- 5, perfect flower, laid open.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, a seed, separated.
- 9, transverse section of a seed.
- 10 and 11, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Griffith del. & lith.

F. V. M. M. M. M.

Seamless Co. Printing, Office, Mo.

Acacia aulacocarpa *A. Cunningham.*

ACACIA AURICULIFORMIS.

Cunningham in Hooker's London Journal of Botany i. 377 (1842).

- 1, portion of an unexpanded spike.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded flower, perfect.
- 5, flower, laid open, staminate only.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & Co. Lith.

F. v. M. direxit

Steam Litho. Gov. Printing Office, Melbourne

Acacia auriculiformis *A. Cunningham.*

ICONOGRAPHY
OF
AUSTRALIAN SPECIES OF ACACIA
AND
COGNATE GENERA,

BY
BARON FERD. VON MUELLER, K.C.M.G., M. & PH.D., F.R.S.,
GOVERNMENT BOTANIST OF THE COLONY OF VICTORIA.

"SED GAUDEBITIS ET EXULTABITIS USQUE AD SEMPERNITERNUM IN HIS, QUÆ DEUS CREABAT."—*Prophetia Isaia*, lxx. 18.

TENTH DECADE.

BY AUTHORITY:
ROBT. S. BRAIN, GOVERNMENT PRINTER, MELBOURNE.
—
1888.

ACACIA DORATOXYLON.

Cunningham in Field's New South Wales 345 (1825).

- 1, portion of a phyllodium.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, flower-bud.
- 5, unexpanded flower.
- 6, expanded flower, perfect.
- 7, flower, laid open, staminate only.
- 8, front- and back-view of a stamen.
- 9, pollen-grain.
- 10, pistil.
- 11, lower portion of a fruit-valve with a seed.
- 12, a seed separated.
- 13, transverse section of a seed.
- 14 and 15, longitudinal sections of seeds.

All enlarged, but to various extent.



B. and F. del. C. Trevelick & Co. Lith.

F. and M. anox.

S. and J. del. and C. Trevelick & Co. Lith.

Acacia Doratoxylon A. Cunningham.

ACACIA TORULOSA.

Bentham in the Journal of the Linnean Society iii. 139 (1858).

- 1, portion of a phyllodium.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, perfect.
- 6, flower, laid open, staminate only.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, pistil.
- 10, lower portion of a fruit-valve with a seed.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13, longitudinal section of a seed, showing cotyledons and some albumen.
- 14, longitudinal section of a seed with its funicle.

All enlarged, but to various extent.



R. Gruff del. C. Troedel & Co Lith

F. v. M. direxit

Stein. Lith. Co. Pr. u. g. J. v. M.

Acacia torulosa Benth.



ACACIA LEPTOSTACHYA.

Bentham, Flora Australiensis ii. 406 (1864).

- 1, portion of a phyllodium.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, flower-bud.
- 5, unexpanded flower.
- 6, expanded flower, perfect.
- 7, flower, laid open, staminate only.
- 8, front- and back-view of a stamen.
- 9, pollen-grain.
- 10, pistil.
- 11, lower portion of a fruit-valve with seed.
- 12, a seed separated.
- 13, transverse section of a seed.
- 14 and 15, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & Co. Lith.

F. v. M. direct.

Steam Litho. Gov. Printing Office Melb.

Acacia leptostachya Benth.

ACACIA LYSIPHLOIA.

F. v. M. in the Journal of the Linnean Society iii. 137 (1858).

- 1, phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, perfect.
- 6, flower, laid open, staminate only.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, pistil.
- 10, lower portion of a fruit-valve with seed.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



H. R. T. & Co. Lith.

F.v.M. direct.

Swan. Lith. cov. Printing Office Melb.

Acacia lysiphloia F.v.M.

ACACIA LINARIOIDES.

Bentham in Hooker's London Journal of Botany i. 371 (1842).

- 1, portions of phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4 and 5, flower-buds.
- 6, expanded perfect flower.
- 7, expanded flower, laid open, staminate only.
- 8, back- and front-view of a stamen.
- 9, pistil.
- 10, portion of a fruit-valve with seeds.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia linarioides Benth.

ACACIA CYPEROPHYLLA.

F. v. M. in Bentham's Flora Australiensis ii. 400 (1864).

- 1, portions of phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, staminate only.
- 6, expanded perfect flower, laid open.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, portion of a fruit-valve with seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



H. Graff del., C. Thiedel & Co. lith.

F. v. M. auct.

Litho. Geogr. Anstalt, Wien.

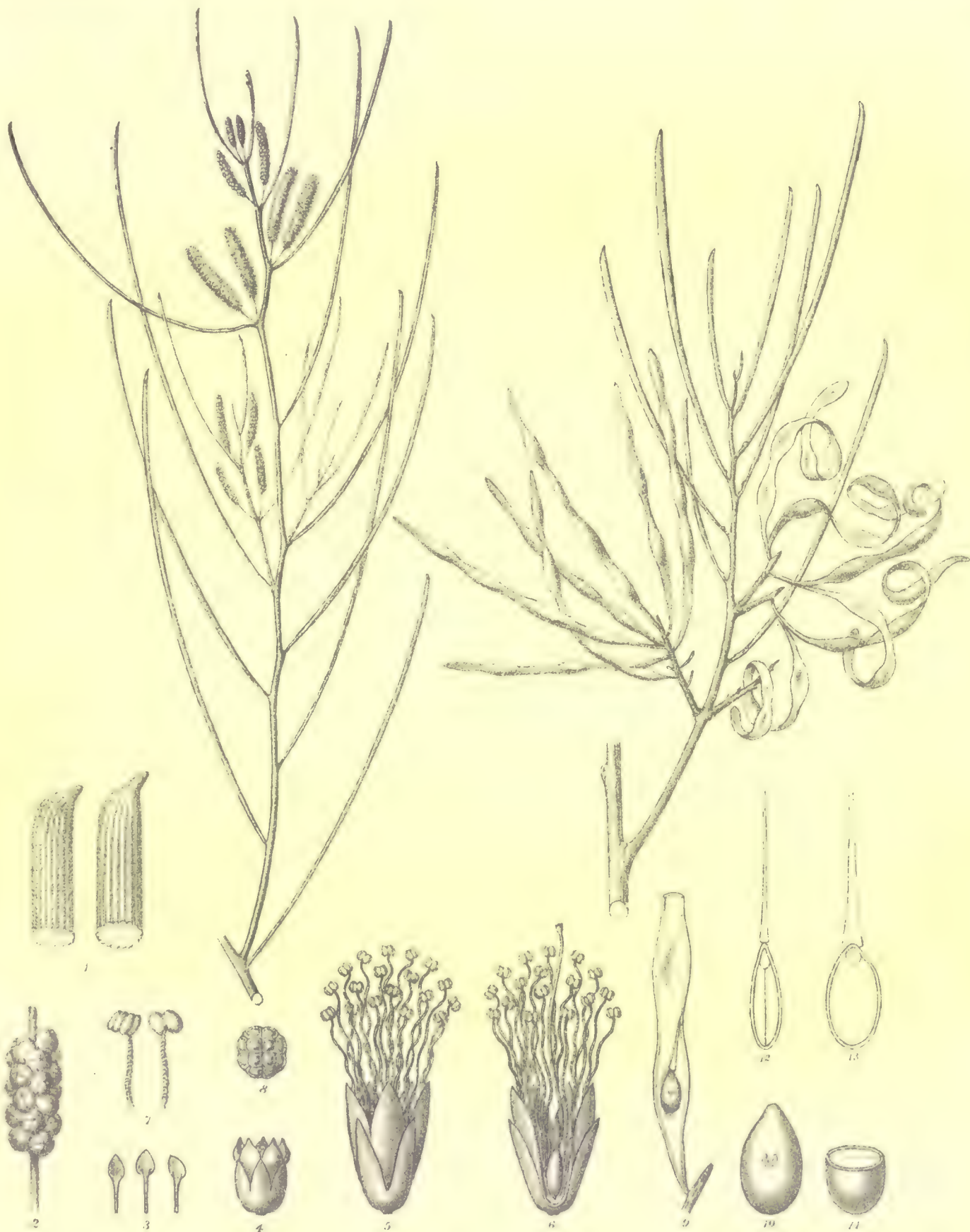
Acacia cyperophylla. F. v. M.

ACACIA PITYOIDES.

F. v. M. in the Journal of the Linnean Society iii. 135 (1858).

- 1, portions of phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, staminate only.
- 6, expanded perfect flower, laid open.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Griseb. det. C. T. Howell & J. L. Loh.

FvM. Loh.

Acacia pityoides FvM.

Acacia pityoides FvM.

ACACIA ANEURA.

F. v. M. in Schlechtendal's *Linnaea* xxvi. 627 (1853).

- 1, portions of phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, flower-bud.
- 5, unexpanded flower.
- 6, expanded flower, staminate only.
- 7, perfect flower, laid open.
- 8, front- and back-view of a stamen.
- 9, pollen-grain.
- 10, a fruit-valve with seeds.
- 11, seeds separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia aneura F.v.M.

ACACIA KEMPEANA.

F. v. M. in Melbourne Chemist and Druggist, July 1882.

- 1, portion of a phyllodium.
- 2, unexpanded spike.
- 3, bracts.
- 4 and 5, unexpanded flowers.
- 6, expanded flower, staminate only.
- 7, perfect flower, laid open.
- 8, front- and back-view of a stamen.
- 9, pollen-grain.
- 10, pistil.
- 11, lower portion of a fruit-valve with a seed.
- 12, a seed separated.
- 13, transverse section of a seed.
- 14 and 15, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia kempeana F.v.M.

ACACIA PLECTOCARPA.

Cunningham in Hooker's London Journal of Botany i. 375 (1842).

- 1, portions of phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, flower-bud.
- 5, unexpanded flower.
- 6, expanded flower, perfect.
- 7, flower, laid open, staminate only.
- 8, front- and back-view of a stamen.
- 9, pollen-grain.
- 10, pistil.
- 11, lower portion of a valve of a young fruit with ovules.
- 12, lower portion of a valve of a ripe fruit with seeds.
- 13, a seed separated.
- 14, transverse section of a seed.
- 15 and 16, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & C^o Lith.

F. v. M. direxit.

Stein litho. Gov. Printing Office Melb.

Acacia plectocarpa A. Cunningham.

ICONOGRAPHY
OF
AUSTRALIAN SPECIES OF ACACIA
AND
COGNATE GENERA,

BY
BARON FERD. VON MUELLER, K.C.M.G., M. & PH.D., F.R.S.,
GOVERNMENT BOTANIST OF THE COLONY OF VICTORIA.

"SED GAUDEBITIS ET EXULTABITIS USQUE AD SEMPITERNUM IN IIS, QUAE DEUS CREABAT." *Prophetia Isaiaë*, lxxv. 18.

ELEVENTH DECADE.

BY AUTHORITY:
ROBT. S. BRAIN, GOVERNMENT PRINTER, MELBOURNE.

1888.

ACACIA DELIBRATA.

Cunningham in Hooker's London Journal of Botany i. 374 (1842).

- 1, portion of a phyllodium.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded flower.
- 5, back- and front-view of a stamen.
- 6, pistil.
- 7, portion of a fruit-valve with a seed.
- 8, a seed, separated.
- 9, transverse section of a seed.
- 10 and 11, longitudinal sections of seeds.

All enlarged, but to various extent.

ACACIA GONOCCLADA.

F. v. M. in the Journal of the Linnean Society iii. 140 (1858).

- 1, portion of a phyllodium.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded perfect flower.
- 5, expanded flower, laid open, staminate only.
- 6, back- and front-view of a stamen.
- 7, pistil.
- 8, portion of a fruit-valve with a seed.
- 9, a seed, separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Tronola sculpsit

F.v.M. descr.

Desen. Litter. Ges. Entomol. Offic. Med.

Acacia gonoclada F.v.M

ACACIA STIPULIGERA.

F. v. M. in the Journal of the Linnean Society iii. 144 (1858).

- 1, portion of a branchlet.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded perfect flower.
- 5, expanded flower, laid open, staminate only.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, portion of a fruit-valve with a seed.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia stipuligera F.V.M.

ACACIA ACRADENIA.

F. v. M. in the Journal of the Linnean Society iii. 142 (1859).

- 1, portion of a phyllodium.
- 2, bracts.
- 3, flower-bud.
- 4, unexpanded flower.
- 5, expanded flower, staminate only.
- 6, perfect flower, laid open.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, portion of a fruit-valve with seeds.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia acradenia FvM

ACACIA HOLCOCARPA.

Bentham, Flora Australiensis ii. 408 (1864).

- 1, portion of a phyllodium.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded perfect flower.
- 6, expanded flower, laid open, staminate only.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, pistil.
- 10, portion of a fruit-valve with seeds.
- 11, a seed, separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Gray & J. C. Thorelli & C. L. Smith

F. & M. J. J. J. J.

Stearns, L. H. & J. C. Thorelli & C. L. Smith

Acacia holocarpa Benth.

ACACIA WICKHAMI.

Bentham in Hooker's London Journal of Botany i. 379 (1842).

- 1, phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, flower-bud.
- 5, unexpanded flower.
- 6, expanded perfect flower.
- 7, expanded flower, laid open, staminate only.
- 8, back- and front-view of a stamen.
- 9, pistil.
- 10, portion of a fruit-valve with a seed.
- 11, a seed, separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia Wickhami Bentham.

ACACIA CONJUNCTIFOLIA.

F. v. M. fragmenta phytographiae Australiae xi. 68 (1879).

- 1, portion of a branchlet with phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, perfect.
- 6, flower laid open, staminate only.
- 7, front- and back-view of a stamen.
- 8, pistil.
- 9, lower portion of a fruit-valve with seeds.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del C. Troede C^o Litn

FvM direxit

Steam Litho Gov Printing Office Meib

Acacia conjunctifolia FvM.

ACACIA XYLOCARPA.

A. Cunningham in Hooker's London Journal of Botany i. 370 (1842).

- 1, portions of phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flowers.
- 5, expanded perfect flower.
- 6, expanded flower, staminate only, laid open.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, pistil.
- 10, portions of a fruit-valve with seeds.
- 11, a seed, separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graft and Co. Lith. Melbourne.

Field No. 111.

Botanical Illustration Office, Melbourne.

Acacia xylocarpa A. Cunningham.

ACACIA GONOCARPA.

F. v. M. in the Journal of the Linnean Society iii. 136 (1858).

- 1, portions of phyllodia.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, staminate only.
- 6, expanded perfect flower, laid open.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, portion of a fruit-valve with a seed.
- 10, a seed, separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & Co. Lith.

F. v. M. direxit.

Steam Litho Gov. Printing Office Melb.

Acacia gonocarpa F. v. M.

ACACIA DREPANOCARPA.

F. v. M. in the Journal of the Linnean Society iii. 137 (1858).

- 1, portion of a phyllodium.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, flower-bud.
- 5, unexpanded flower.
- 6, expanded flower, perfect.
- 7, flower, laid open, staminate only.
- 8, front- and back-view of a stamen.
- 9, pollen-grain.
- 10, pistil.
- 11, lower portion of a fruit-valve with a seed.
- 12, a seed, separated.
- 13, transverse section of a seed.
- 14 and 15, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Grall del. C. Troedel & Co. lith.

F. v. M. direxit

Steam Litho. Gov. Printing Office, Melb.

Acacia drepanocarpa F. v. M.

ICONOGRAPHY
OF
AUSTRALIAN SPECIES OF ACACIA
AND
COGNATE GENERA,

BY
BARON FERD. VON MUELLER, K.C.M.G., M. & PH.D., F.R.S.,

GOVERNMENT BOTANIST OF THE COLONY OF VICTORIA.

"SED GAUDEBITIS ET EXULTABITIS USQUE AD SEMPITERNUM IN HIS, QUÆ DEUS CREABAT."—*Prophetia Isaie*, lxy. 18.

TWELFTH DECADE.

BY AUTHORITY: ✓
ROBT. S. BRAIN, GOVERNMENT PRINTER, MELBOURNE.
—
1888.

ACACIA PACHYCARPA.

F. v. M. in Journal of the Linnean Society iii. 139 (1858).

- 1, portion of a phyllodium.
- 2, portion of an unexpanded spike.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, perfect.
- 6, staminate flower, laid open.
- 7, front- back- and side-view of stamens.
- 8, pistil.
- 9, lower portion of a fruit-valve with seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Gratiot & Co. Lith.

F.v.M. direxit

Steam Litho Gov. Printing Office Melb.

Acacia pachycarpa F.v.M.



ACACIA DENTICULOSA.

F. v. M. fragmenta phytographiae Australiae x. 32 (1876).

- 1, portion of a phyllodium.
- 2, bracts.
- 3, perfect flower.
- 4, flower, laid open, staminate only.
- 5, front- and back-view of a stamen.
- 6, pollen-grain.
- 7, pistil.
- 8, lower portion of a fruit-valve with a seed.
- 9, a seed separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Treedel & C. Sch.

FvM. 1897.

Steam Litho Gov Printing Office, Melbourne.

***Acacia denticulosa* FvM**

ACACIA SUBEROSA.

Cunningham in Hooker's London Journal of Botany i. 499 (1842).

- 1, portions of a leaf.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, staminate only.
- 6, expanded perfect flower, laid open.
- 7, back- and front-view of stamens, one glandule-bearing.
- 8, pollen-grain.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia suberosa *A. Cunningham.*

ACACIA BIDWILLI.

Bentham in Schlechtendal's *Linnaea* xxvi. 629 (1853).

- 1, portions of a leaf.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4 and 5, unexpanded flowers.
- 6, expanded flower, staminate only.
- 7, expanded perfect flower, laid open.
- 8, front- side- and back- view of stamens, one glandule-bearing.
- 9, pollen-grain.
- 10, pistil.
- 11, lower portion of a fruit-valve with a seed.
- 12, two seeds separated.
- 13, transverse sections of two seeds.
- 14 and 15, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & Co. Lith.

F. v. M. direct.

Queensland Gov. Printing Office Melb.

***Acacia Bidwilli* Benth.**

ACACIA BAILEYANA.

F. v. M. in the transactions of the Royal Society of Victoria (1887).

- 1, portion of a leaf.
- 2, leaflets.
- 3, head of unexpanded flowers.
- 4, bracts.
- 5, unexpanded flower.
- 6, expanded flower, staminate only.
- 7, expanded perfect flower, laid open.
- 8, front- and back-view of a stamen.
- 9, pollen-grain.
- 10, lower portion of a fruit-valve with a seed.
- 11, a seed separated.
- 12, transverse section of a seed.
- 13 and 14, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & Co. Lith.

F.v.M. direct

Steam Litho Gov. Printing Office Melb.

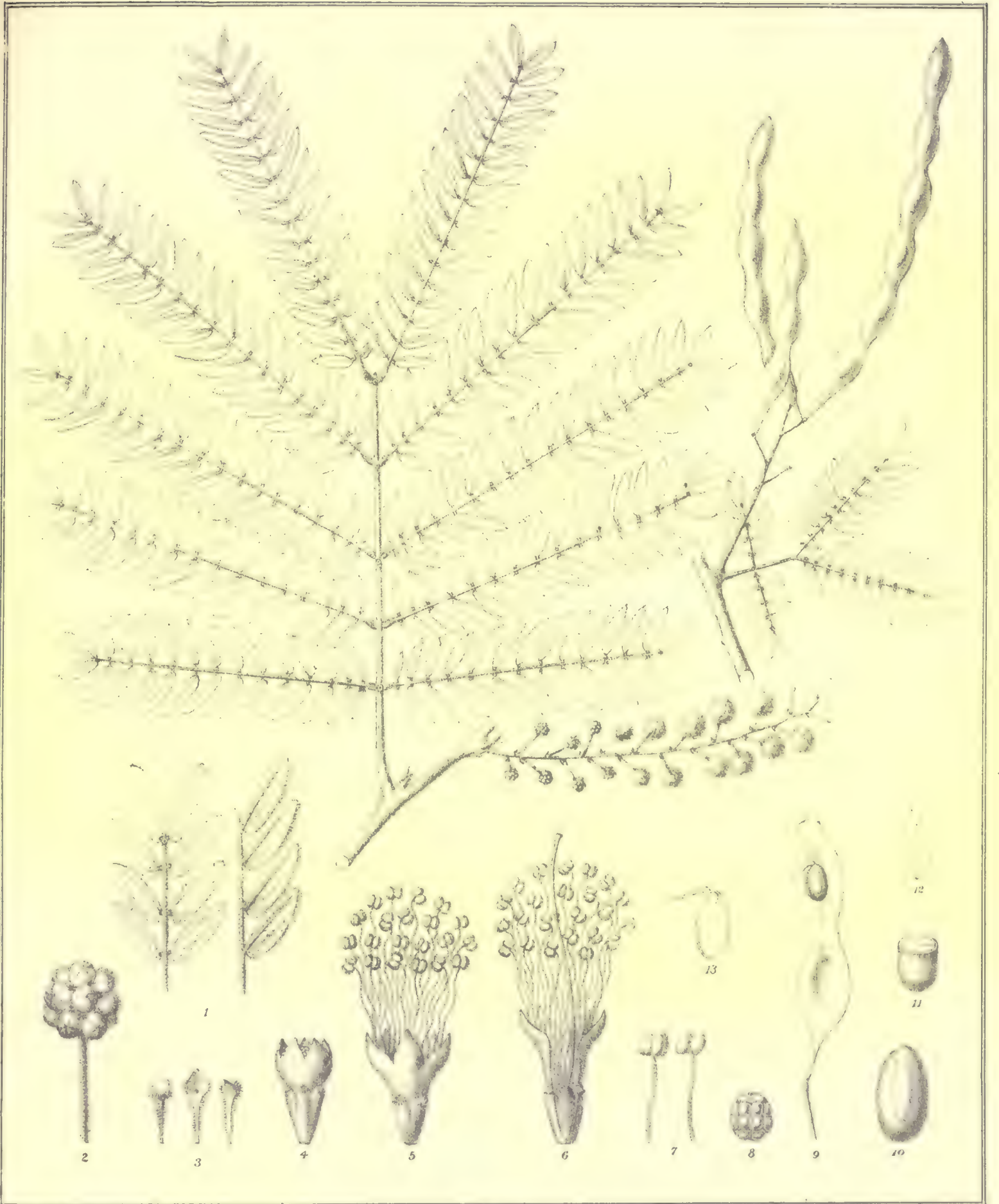
Acacia Baileyana F.v.M.

ACACIA POLYBOTRYA.

Bentham in Hooker's London Journal of Botany i. 384 (1842).

- 1, portions of leaves.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, staminate only.
- 6, expanded perfect flower, laid open.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



Acacia polybotrya Bentham.

ACACIA ELATA.

Cunningham in Hooker's London Journal of Botany i. 383 (1842).

- 1, head of unexpanded flowers.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded flower.
- 5, front- and back-view of a stamen.
- 6, pollen-grain.
- 7, pistil.
- 8, lower portion of a fruit-valve with a seed.
- 9, a seed separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graft del. C. Thos. & Co. Lith.

FvM direxit

Steam Litho, Gov. Printing Office, Melb.

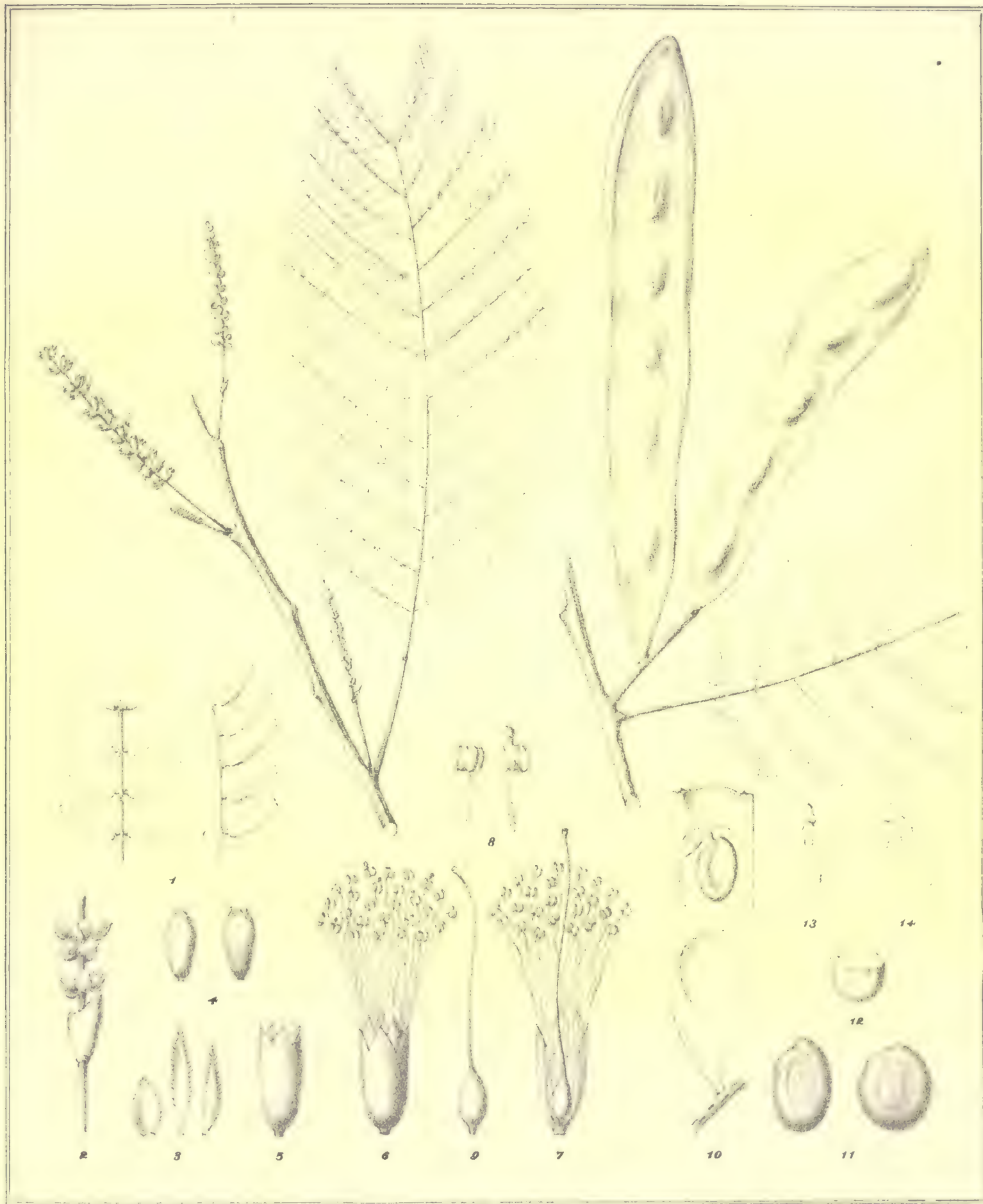
Acacia elata. A. CUNNINGHAM

ACACIA SUTHERLANDI.

F. v. M. Albizzia Sutherlandi, F. v. M. fragmenta phytographiae Australiae vi.
22 (1867).

- 1, portions of leaves.
- 2, portion of a spike of unexpanded flower.
- 3, bracts.
- 4, flower-buds.
- 5, unexpanded flower.
- 6, expanded flower, staminate only.
- 7, expanded perfect flower, laid open.
- 8, front- and back-view of a stamen, one glandule-bearing.
- 9, pistil.
- 10, portion of a fruit-valve with one seed.
- 11, two seeds separated.
- 12, transverse section of a seed.
- 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Froedel & Co. Lith.

FvM. direct.

Steam Litho. Gov. Printing Office. Melb.

Acacia Sutherlandi *FvM*

ALBIZZIA BASALTICA.

Bentham, Flora Australiensis ii. 422 (1864).

- 1, portions of leaves.
- 2, head of unexpanded flowers.
- 3, bracts.
- 4, unexpanded flower.
- 5, expanded flower, staminate only.
- 6, expanded perfect flower, laid open.
- 7, front- and back-view of a stamen.
- 8, pollen-grain.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.

Albizia basaltica BENTHAM

Steam Litho. Gov. Printing Office Melb.

F. & M. Dixie

R. Graff del. C. Troedel & Co. Lith.



ALBIZZIA THOZETIANA.

F. v. M. in Bentham's Flora Australiensis ii. 422 (1864).

- 1, head of unexpanded flowers.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded flower, staminate only.
- 5, expanded perfect flower, laid open.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, lower portion of a fruit-valve with a seed.
- 9, a seed separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent,



Albizzia Thozetiana *FvM*

ICONOGRAPHY
OF
AUSTRALIAN SPECIES OF ACACIA
AND
COGNATE GENERA,

BY
BARON FERD. VON MUELLER, K.C.M.G., M. & PH.D., F.R.S.,
GOVERNMENT BOTANIST OF THE COLONY OF VICTORIA.

"SED GAUDEBITIS ET EXULTABITIS USQUE AD SEMPITERNUM IN IIS, QUÆ DEUS CREABAT."—*Prophetia Isaia*, lxxv. 18.

THIRTEENTH DECADE.

BY AUTHORITY:
ROBT. S. BRAIN, GOVERNMENT PRINTER, MELBOURNE.

1888.

ALBIZZIA CANESCENS.

Bentham, Flora Australiensis ii. 423 (1864).

- 1, head of unexpanded flowers.
 - 2, bracts.
 - 3, flower-bud.
 - 4, unexpanded flower.
 - 5, expanded flower, staminate only.
 - 6, expanded perfect flower, laid open.
 - 7, front- and back-view of a stamen.
 - 8, pollen-grain.
 - 9, pistil.
 - 10, lower portion of a fruit-valve with a seed.
 - 11, two seeds separated.
 - 12, transverse section of a seed.
 - 13 and 14, longitudinal sections of seeds.
- All except 10 enlarged, but to various extent.



R. Graff del. C. Truesdell sculp.

F. v. M. direct.

Steam Litho. Gov. Printing Office, Melbourne.

***Albizzia canescens* Benth.**

ALBIZZIA PRUINOSA.

F. v. M. in Trimen's Journal of Botany 9 (1872).

- 1, bracts.
- 2, flower-bud.
- 3 and 4, unexpanded flowers.
- 5, expanded flower, laid open.
- 6, front- and back-view of a stamen.
- 7, pollen-grain.
- 8, lower portion of a fruit-valve with seeds.
- 9, a seed separated.
- 10, transverse sections of two seeds.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graffdel C. Troedel & Co. Lith.

FvM direxit

Steam Litho Gov. Printing Office Melb.

Albizzia pruinosa FvM

ALBIZZIA MONILIFERA.

F. v. M. in Trimen's Journal of Botany 10 (1872).

- 1, bracts.
- 2, portion of an inflorescence.
- 3 and 4, unexpanded flowers.
- 5, expanded flower, laid open.
- 6, front-, side- and back-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, a seed separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & Co. Lith.

FvM direct

Steam Litho Gov. Printing Office Melb.

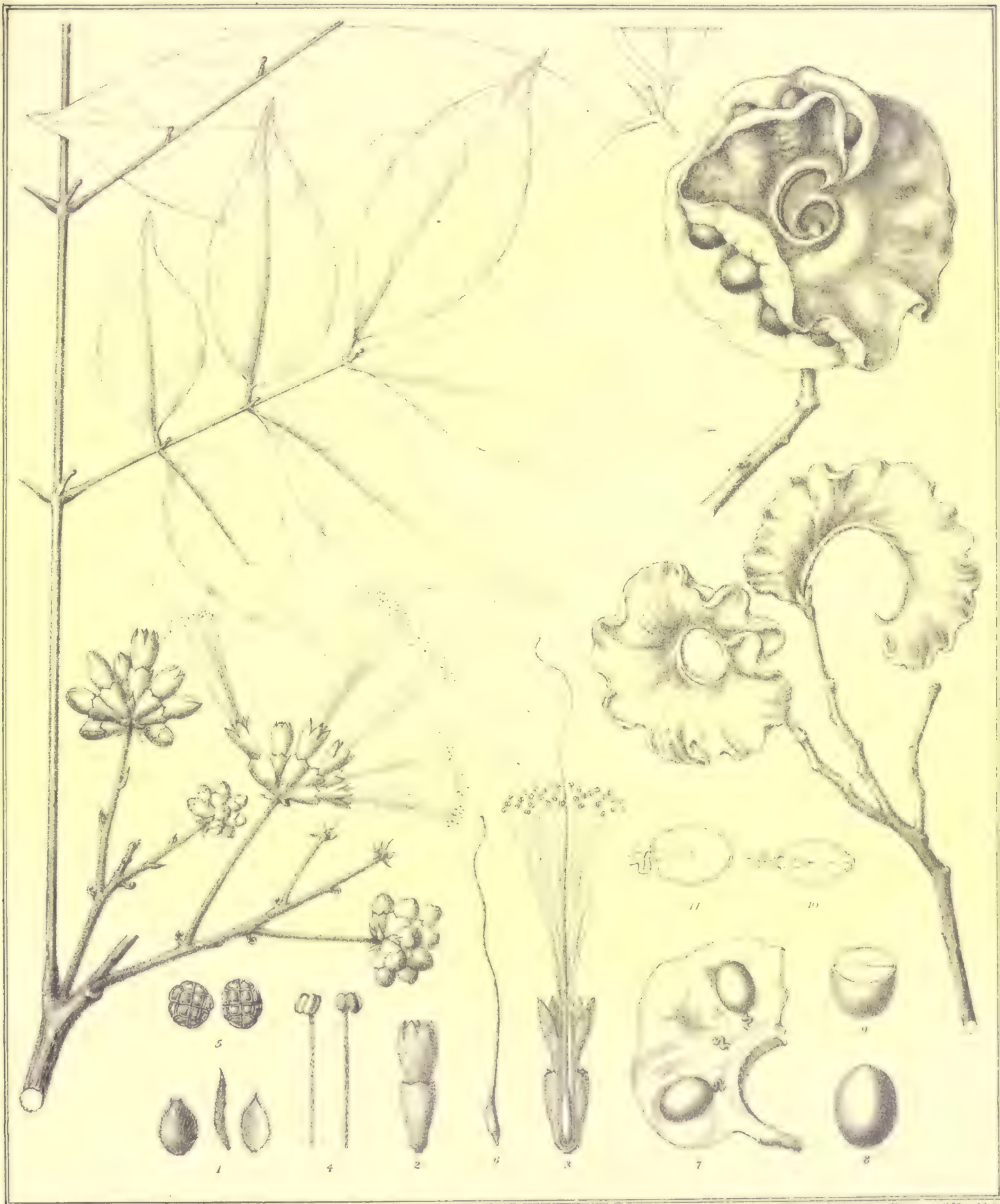
***Albizzia monilifera* FvM**

ALBIZZIA TOZERI.

F. v. M. in Trimen's Journal of Botany 10 (1872.)

- 1, bracts.
- 2, unexpanded flower.
- 3, expanded flower, laid open.
- 4, front- and back-view of a stamen.
- 5, pollen-grains.
- 6, pistil.
- 7, lower portion of a fruit-valve with two seeds.
- 8, a seed separated.
- 9, transverse section of a seed.
- 10 and 11, longitudinal sections of seeds.

. All enlarged, but to various extent.



P. Graff del C. Troedel & C^o Lith.

FvM direct

Stein Litho. & Printing Office Melb.

***Albizzia Tozeri* FvM**

ALBIZZIA HENDERSONI.

F. v. M. in Trimen's Journal of Botany 10 (1872).

- 1, bracts.
- 2, flower-bud.
- 3, unexpanded flower.
- 4, expanded flower.
- 5, front-, side- and back-view of a stamen.
- 6, pollen-grain.
- 7, pistil.
- 8, lower portion of a fruit-valve with seeds.
- 9, two seeds separated.
- 10, transverse section of a seed.
- 11 and 12, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & Co. Lith.

F. v. M. direct.

Steam Litho Gov. Printing Off.

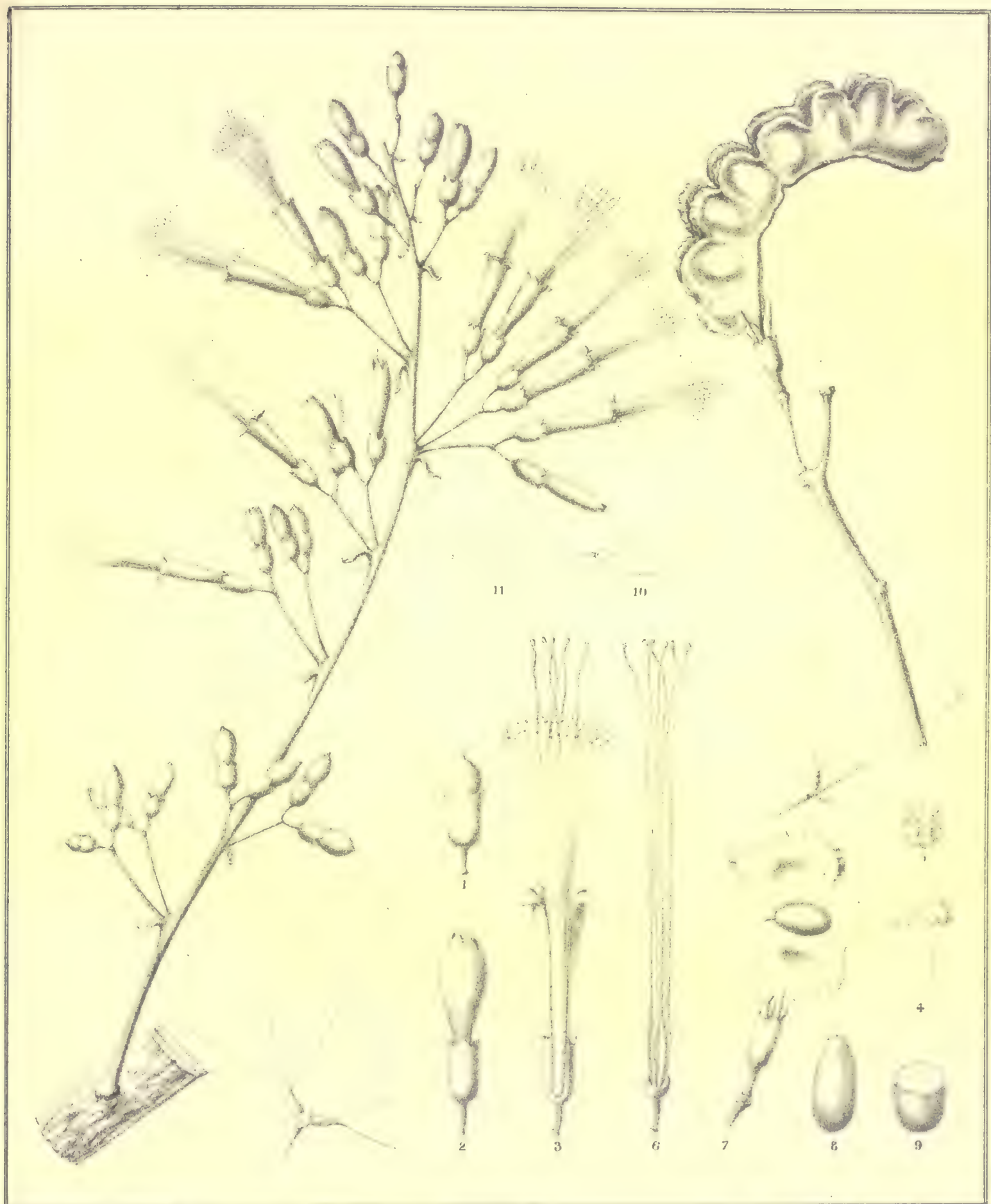
***Albizzia Hendersoni* F. v. M.**

ALBIZZIA LUCYI.

F. v. M., Archidendron Lucyi, F. v. M. fragmenta phytographiae Australiae
vi. 201 (1868).

- 1, flower-bud.
- 2, unexpanded flower.
- 3, expanded flower, laid open.
- 4, front- and back-view of a stamen.
- 5, pollen-grain.
- 6, pistils.
- 7, lower portion of a fruit-valve with a seed.
- 8, a seed separated.
- 9, transverse section of a seed.
- 10 and 11, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del., C. Troedel & Co. Litho.

FvM. direct.

Stear Litho., Gov. Printing Office, Meib.

Albizzia Lucyi FvM

ALBIZZIA VAILLANTII.

F. v. M., Archidendron Vaillantii, F. v. M. fragmenta phytographiae Australiae
v. 60 (1865).

- 1, bracts.
- 2, expanded perfect flower.
- 3, expanded flower laid open, staminate only
- 4, front- and back-view of a stamen.
- 5, pollen-grain.
- 6, pistils.
- 7, lower portion of a fruit-valve with a seed.
- 8, a seed separated.
- 9, transverse section of a seed.
- 10 and 11, longitudinal sections of seeds.

All enlarged, but to various extent.



F. Craff del., C. Froed. & C. Luth.

F.v.M. direxit.

Steap. Lith., Gov. Printing Office, Meib.

***Albizzia Vaillantii* F.v.M**

ADENANTHERA ABROSPERMA.

F. v. M. fragmenta phytographiae Australiae v. 30 (1865).

- 1, portion of a spike of unexpanded flowers.
- 2, bracts.
- 3, unexpanded flower.
- 4, expanded flower.
- 5, flower, laid open.
- 6, back- and front-view of a stamen.
- 7, pollen-grain.
- 8, pistil.
- 9, lower portion of a fruit-valve with a seed.
- 10, two seeds separated.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff del. C. Troedel & Co Lith.

FvM direct

Steam-Lith. & Printing Office, Me.

Adenanthera abrosperma FvM.

ERYTHROPHLAEUM LABOUCHERII.

F. v. M. in Bentham's Flora Australiensis ii. 297 (1864).

- 1, portion of a spike of unexpanded flowers.
- 2, bracts.
- 3, flower-bud.
- 4, unexpanded flower.
- 5, expanded flower, staminate only.
- 6, expanded perfect flower, laid open.
- 7, back-, front- and side-view of a stamen.
- 8, pollen-grains.
- 9, pistil.
- 10, two seeds.
- 11, transverse section of a seed.
- 12 and 13, longitudinal sections of seeds.

All enlarged, but to various extent.



R. Graff. del. C. Troedel & Co. Lith.

F.v.M. direxit

Stear. Litho. Gov. Printing Office Melb.

Erythrophlaeum Labouchei F.v.M

NEPTUNIA GRACILIS.

Bentham in Hooker's Journal of Botany iv. 355 (1842).

- 1, transverse section of a tuber.
- 2, portions of leaves.
- 3, head of unexpanded flowers.
- 4, bracts.
- 5, flower-buds.
- 6, unexpanded flower.
- 7, expanded sterile flower.
- 8, expanded fertile flower, staminate only.
- 9, expanded perfect flower.
- 10, staminate flower, laid open.
- 11, back- and front-view of a stamen.
- 12, pollen-grains.
- 13, pistil.
- 14, lower portion of fruit-valve with seeds.
- 15, a seed separated.
- 16, transverse section of a seed.
- 17 and 18, longitudinal sections of seeds.

All enlarged, but to various extent.

ICONOGRAPHY
OF
AUSTRALIAN SPECIES OF ACACIA
AND
COGNATE GENERA,

BY
BARON FERD. VON MUELLER, K.C.M.G., M. & PH.D., F.R.S.,
GOVERNMENT BOTANIST OF THE COLONY OF VICTORIA.

"SED GAUDEBITIS ET EXULTABITIS USQUE AD SEMPERNUM IN HIS, QUAE DEUS CREABAT."—*Prophetia Isaiæ*, lx. 15

DECADES I.—XIII.
1887—1888.

BY AUTHORITY:
ROBT. S. BRAIN, GOVERNMENT PRINTER, MELBOURNE.
—
1888.

TO
HIS EXCELLENCY
SIR HENRY BROUGHAM LOCH,
G.C.M.G., K.C.B.,
Governor of Victoria,

THIS VOLUME
ON A LARGE SYSTEMATIC ASSEMBLAGE OF PLANTS,
PARTICULARLY IMPORTANT FOR HORTICULTURE AND TECHNOLOGY,
AND
NUMERICALLY PREDOMINANT
IN
HER MAJESTY'S AUSTRALIAN DOMINIONS,

Is Dedicated
IN PROFOUNDEST OBEDIENCE.

INDEX TO THE ICONOGRAPHY OF AUSTRALIAN SPECIES OF ACACIA AND COGNATE GENERA.

DECADES I. TO XIII.

Acacia acanthoclada, iv. 6.
acinacea, iv. 7.
acradenia, xi. 4.
alpina, ix. 3.
amblygona, vii. 3.
anceps, iii. 9.
aneura, x. 8.
aspera, iv. 3.
aulacocarpa, ix. 9.
auriculiformis, ix. 10.
Baileyana, xii. 5.
Baueri, iii. 4.
Baxteri, ii. 1.
Bidwilli, xii. 4.
Bynoeana, iii. 1.
cedroides, iii. 5.
cincinnata, ix. 6.
cochliocarpa, ix. 5.
collettioides, i. 4.
conferta, iii. 8.
conjunctifolia, xi. 7.
continua, i. 3.
coriacea, vi. 6.
cyclopis, viii. 3.
cyperophylla, x. 6.
Dallachiana, ix. 4.
delibrata, xi. 1.
denticulosa, xii. 2.
dictyophleba, viii. 7.
Dietrichiana, vi. 3.
dineura, viii. 10.
Doratoxylon, x. 1.
drepanocarpa, xi. 10.
elata, xii. 7.
ericifolia, ii. 10.
erinacea, iv. 2.
farinosa, vii. 7.

Acacia fasciculifera, iv. 10.
flavescens, viii. 9.
galioides, iii. 2.
genistoides, i. 6.
gonocarpa, xi. 9.
gonoclada, xi. 2.
gonophylla, ii. 9.
Graffiana, vi. 2.
hakeoides, v. 10.
harpophylla, vi. 9.
Harveyi, v. 8.
hemignosta, viii. 6.
heteroclita, vii. 9.
holcocarpa, xi. 5.
homaloclada, viii. 5.
homalophylla, vi. 7.
implexa, viii. 2.
impressa, vii. 6.
iteaphylla, vi. 1.
juncifolia, ii. 8.
Kempeana, x. 9.
laricina, ii. 3.
latifolia, ix. 7.
leptopetala, v. 6.
leptostachya, x. 3.
linarioides, x. 5.
Luehmanni, vii. 2.
lysiphloia, x. 4.
macradenia, v. 7.
microcarpa, iv. 8.
minutifolia, iii. 6.
montana, iii. 10.
notabilis, v. 5.
oraria, viii. 1.
Osswaldi, vi. 10.
pachycarpa, xii. 1.
patens, ii. 2.

INDEX.

Acacia pendula, vi. 8.
phlebocarpa, vii. 5.
pilosa, iv. 4.
pityoides, x. 7.
plagiophylla, iv. 5.
plectocarpa, x. 10.
polybotrya, xii. 6.
praelongata, vi. 4.
pyrifolia, v. 4.
quadrisulcata, i. 5.
retinodes, v. 9.
retivenea, viii. 8.
rhigiophylla, ix. 2.
rigens, ii. 4.
scalpelliformis, vii. 4.
scirpifolia, ii. 7.
Sentis, iv. 9.
sessiliceps, ii. 5.
Simsii, vii. 10.
spatulata, v. 1.
spinescens, i. 2.
spondylophylla, iii. 7.
stenophylla, vi. 5.
stenoptera, i. 1.
stipuligera, xi. 3.
stipulosa, vii. 1.
strongylophylla, v. 3.
suberosa, xii. 3.

Acacia subporosa, vii. 8.
subternata, iii. 3.
Sutherlandi, xii. 8.
tenuifolia, i. 8.
teretifolia, i. 10.
tetragonocarpa, iv. 1.
tetragonophylla, i. 7.
torulosa, x. 2.
trineura, viii. 8.
triptera, ix. 1.
triptycha, ii. 6.
tumida, ix. 8.
ulicina, i. 9.
Wattsiana, v. 2.
Wickhami, xi. 6.
xylocarpa, xi. 8.
Adenanthra abrosperma, xiii. 8.
Albizzia basaltica, xii. 9.
canescens, xiii. 1.
Hendersoni, xiii. 5.
Lucyi, xiii. 6.
monilifera, xiii. 3.
pruinosa, xiii. 2.
Thozetiana, xii. 10.
Tozeri, xiii. 4.
Vaillantii, xiii. 7.
Erythrophlaeum Laboucherii, xiii. 9.
Neptunia gracilis, xiii. 10.

CONTENTS OF DECADES I.—XIII.—GEOGRAPHIC INDEX.

DECADE I. (1887).

Acacia stenoptera, Bentham	...	...	W.A.	—	—	—	—	—
spinescens, Bentham	...	...	—	S.A.	V.	N.S.W.	—	—
continua, Bentham	...	...	—	S.A.	V.	N.S.W.	—	—
collettioides, Cunningham	...	...	W.A.	S.A.	V.	N.S.W.	—	—
quadrisulcata, F. v. M.	...	...	W.A.	—	—	—	—	—
genistoides, Cunningham	...	...	W.A.	—	—	—	—	—
tetragonophylla, F. v. M.	...	...	—	S.A.	—	N.S.W.	Q.	N.A.
tenuifolia, F. v. M.	...	...	—	—	V.	—	—	—
ulicina, Meissner	...	...	W.A.	—	—	—	—	—
teretifolia, Bentham	...	...	W.A.	—	—	—	—	—

DECADE II. (1887).

Acacia Baxteri, Bentham	...	...	W.A.	—	—	—	—	—
patens, F. v. M.	...	...	—	—	—	—	—	N.A.
laricina, Meissner	...	...	W.A.	—	—	—	—	—
rigens, Cunningham	...	...	—	S.A.	V.	N.S.W.	—	—
sessiliceps, F. v. M.	...	...	—	S.A.	—	—	—	—
triptycha, F. v. M.	...	...	W.A.	—	—	—	—	—
scirpifolia, Meissner	...	...	W.A.	S.A.	—	N.S.W.	—	—
juncifolia, Bentham	...	...	—	—	—	N.S.W.	Q.	N.A.
gonophylla, Bentham	...	...	W.A.	S.A.	—	—	—	—
ericifolia, Bentham	...	...	W.A.	—	—	—	—	—

DECADE III. (1887).

Acacia Bynoeana, Bentham	...	...	—	—	—	—	—	N.A.
galioides, Bentham	...	...	—	—	—	N.S.W.	Q.	—
subternata, F. v. M.	...	...	—	—	—	—	—	N.A.
Baueri, Bentham	...	...	—	—	—	N.S.W.	Q.	—
cedroides, Bentham	...	...	W.A.	—	—	—	—	—
minutifolia, F. v. M.	...	...	—	S.A.	—	—	—	—
spondylophylla, F. v. M.	...	...	—	S.A.	—	—	—	N.A.
conferta, Cunningham	...	...	—	—	—	N.S.W.	Q.	—
anceps, De Candolle	...	...	W.A.	S.A.	—	—	—	—
montana, Bentham	...	...	—	S.A.	V.	N.S.W.	—	—

GEOGRAPHIC INDEX.

DECADE IV. (1887).

Acacia tetragonocarpa, Meissner	...	...	W.A.	—	—	—	—	—
erinacea, Benth	...	...	W.A.	S.A.	—	—	—	—
aspera, Lindley	...	...	—	S.A.	V.	N.S.W.	—	—
pilosa, Benth	...	...	W.A.	—	—	—	—	—
plagiophylla, F. v. M.	...	...	—	—	—	N.S.W.	Q.	—
acanthoclada, F. v. M.	...	...	W.A.	S.A.	V.	N.S.W.	—	—
acinacea, Lindley	...	...	—	S.A.	V.	N.S.W.	—	—
microcarpa, F. v. M.	...	...	—	S.A.	V.	N.S.W.	—	—
Sentis, F. v. M.	...	...	W.A.	S.A.	V.	N.S.W.	Q.	N.A.
fasciculifera, F. v. M.	...	...	—	—	—	N.S.W.	Q.	—

DECADE V. (1887).

Acacia spatulata, F. v. M.	...	...	W.A.	—	—	—	—	N.A.
Wattsiana, F. v. M.	...	...	—	S.A.	—	—	—	—
strongylophylla, F. v. M.	...	...	—	S.A.	—	—	—	—
pyrifolia, De Candolle	...	...	W.A.	—	—	—	—	N.A.
notabilis, F. v. M.	...	...	W.A.	S.A.	—	N.S.W.	—	N.A.
leptopetala, Benth	...	...	W.A.	—	—	—	—	—
macradenia, Benth	...	...	—	—	—	—	Q.	—
Harveyi, Benth	...	...	W.A.	—	—	—	—	—
retinodes, Schlechtendal	...	...	—	S.A.	V.	—	—	—
hakeoides, Cunningham	...	...	—	S.A.	V.	N.S.W.	—	—

DECADE VI. (1887).

Acacia iteaphylla, F. v. M.	...	...	—	S.A.	—	—	—	—
Graffiana, F. v. M.	...	...	W.A.	—	—	—	—	—
Dietrichiana, F. v. M.	...	...	—	—	—	—	Q.	—
praelongata, F. v. M.	...	...	—	—	—	—	—	N.A.
stenophylla, Cunningham	...	...	—	S.A.	V.	N.S.W.	Q.	N.A.
coriacea, De Candolle	...	...	W.A.	S.A.	—	N.S.W.	Q.	—
homalophylla, Cunningham	...	...	—	S.A.	V.	N.S.W.	Q.	—
pendula, Cunningham	...	...	—	—	—	N.S.W.	Q.	—
harpophylla, F. v. M.	...	...	—	—	—	—	Q.	—
Osswaldi, F. v. M.	...	...	W.A.	S.A.	V.	N.S.W.	Q.	—

DECADE VII. (1887).

Acacia stipulosa, F. v. M.	...	...	W.A.	—	—	—	—	N.A.
Luehmanni, F. v. M.	...	...	—	—	—	—	—	N.A.
amblygona, Cunningham	...	...	—	—	—	N.S.W.	Q.	—
scalpelliformis, Meissner	...	...	W.A.	—	—	—	—	—
phlebocarpa, F. v. M.	...	...	—	—	—	—	Q.	N.A.
impressa, F. v. M.	...	...	W.A.	S.A.	—	—	Q.	N.A.
farinosa, Lindley	...	...	—	S.A.	V.	N.S.W.	—	—
subporosa, F. v. M.	...	...	—	—	V.	N.S.W.	—	—
heteroclita, Meissner	...	...	W.A.	—	—	—	—	—
Simsii, Cunningham	...	...	—	—	—	—	Q.	N.A.

GEOGRAPHIC INDEX.

DECADE VIII. (1888).

Acacia oraria, F. v. M. ...	...	...	—	—	—	—	Q.	—
implexa, Benthams ...	...	...	—	—	V.	N.S.W.	Q.	—
cyclopis, Cunningham ...	...	...	W.A.	S.A.	—	—	—	—
trineura, F. v. M. ...	...	...	—	S.A.	V.	—	—	—
homaloclada, F. v. M. ...	...	...	—	—	—	—	Q.	—
hemignosta, F. v. M. ...	...	...	—	—	—	—	—	N.A.
dictyophleba, F. v. M. ...	...	...	—	S.A.	—	—	Q.	N.A.
retivenea, F. v. M. ...	...	...	—	S.A.	—	—	—	N.A.
flavescens, Cunningham ...	...	...	—	—	—	—	Q.	N.A.
dineura, F. v. M. ...	...	...	—	—	—	—	—	N.A.

DECADE IX. (1888).

Acacia triptera, Benthams ...	...	...	—	—	—	N.S.W.	Q.	—
rhigiophylla, F. v. M. ...	...	...	—	S.A.	—	—	—	—
alpina, F. v. M. ...	...	...	—	—	V.	—	—	—
Dallachiana, F. v. M. ...	...	...	—	—	V.	—	—	—
cochliocarpa, Meissner ...	...	...	W.A.	—	—	—	—	—
cincinnata, F. v. M. ...	...	...	—	—	—	—	Q.	—
latifolia, Benthams ...	...	...	—	—	—	—	—	N.A.
tumida, F. v. M. ...	...	...	—	—	—	—	—	N.A.
aulacocarpa, Cunningham ...	...	...	—	—	—	—	Q.	N.A.
auriculiformis, Cunningham ...	...	...	—	—	—	—	Q.	N.A.

DECADE X. (1888).

Acacia Doratoxylon, Cunningham ...	...	...	W.A.	S.A.	V.	N.S.W.	Q.	—
torulosa, Benthams ...	...	...	—	—	—	—	Q.	N.A.
leptostachya, Benthams ...	...	...	—	—	—	—	Q.	N.A.
lysiphloia, F. v. M. ...	...	...	—	—	—	—	Q.	N.A.
linarioides, Benthams ...	...	...	—	—	—	—	—	N.A.
cyperophylla, F. v. M. ...	...	...	—	S.A.	—	N.S.W.	Q.	—
pityoides, F. v. M. ...	...	...	—	—	—	—	Q.	N.A.
aneura, F. v. M. ...	...	...	W.A.	S.A.	V.	N.S.W.	Q.	—
Kempeana, F. v. M. ...	...	...	—	S.A.	—	N.S.W.	Q.	—
plectocarpa, Cunningham ...	...	...	—	—	—	—	—	N.A.

DECADE XI. (1888).

Acacia delibrata, Cunningham ...	...	...	—	—	—	—	Q.	N.A.
gonoclada, F. v. M. ...	...	...	—	—	—	—	Q.	N.A.
stipuligera, F. v. M. ...	...	...	—	S.A.	—	—	Q.	N.A.
acradenia, F. v. M. ...	...	...	—	—	—	—	Q.	N.A.
holcocarpa, Benthams ...	...	...	—	—	—	—	Q.	—
Wickhami, Benthams ...	...	...	—	—	—	—	—	N.A.
conjunctifolia, F. v. M. ...	...	...	—	—	—	—	—	N.A.
xylocarpa, Cunningham ...	...	...	—	—	—	—	—	N.A.
gonocarpa, F. v. M. ...	...	...	—	—	—	—	—	N.A.
drepanocarpa, F. v. M. ...	...	...	—	—	—	—	—	N.A.

GEOGRAPHIC INDEX.

DECADE XII. (1888).

<i>Acacia pachycarpa</i> , F. v. M.	...	...	—	—	—	—	—	N.A.
<i>denticulosa</i> , F. v. M.	...	...	W.A.	—	—	—	—	—
<i>suberosa</i> , Cunningham	...	...	—	—	—	—	—	N.A.
<i>Bidwilli</i> , Bentham ...	...	...	—	—	—	—	Q.	N.A.
<i>Baileyana</i> , F. v. M.	...	...	—	—	—	N.S.W.	—	—
<i>polybotrya</i> , Bentham	...	...	—	—	—	N.S.W.	Q.	—
<i>elata</i> , Cunningham ...	...	...	—	—	—	N.S.W.	—	—
<i>Sutherlandi</i> , F. v. M.	...	...	—	—	—	—	—	N.A.
<i>Albizzia basaltica</i> , Bentham	...	...	—	—	—	—	Q.	—
<i>Thozetiana</i> , F. v. M.	...	...	—	—	—	—	Q.	—

DECADE XIII. (1888).

<i>Albizzia canescens</i> , Bentham	...	...	—	—	—	—	Q.	—
<i>pruinosa</i> , F. v. M.	...	...	—	—	—	N.S.W.	Q.	—
<i>monilifera</i> , F. v. M.	...	...	—	—	—	—	—	N.A.
<i>Tozeri</i> , F. v. M. ...	...	...	—	—	—	N.S.W.	Q.	—
<i>Hendersoni</i> , F. v. M.	...	...	—	—	—	N.S.W.	Q.	—
<i>Lucyi</i> , F. v. M. ...	...	...	—	—	—	—	Q.	—
<i>Vaillantii</i> , F. v. M.	...	...	—	—	—	—	Q.	—
<i>Adenanthera abrosperma</i> , F. v. M. ...	...	...	—	—	—	—	Q.	—
<i>Erythrophlaeum Laboucherii</i> , F. v. M.	...	...	—	—	—	—	Q.	N.A.
<i>Neptunia gracilis</i> , Bentham	...	...	—	—	—	N.S.W.	Q.	N.A.

